

Available in languages:



tiger

# Tigermeeting

## Android Setup manual

Version 3.5.0

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# Translation disclaimer

Our documentation is originally written in English to provide comprehensive and accurate information about the Tigermeeting product, its features and usage.

To accommodate our global audience, we utilize advanced, automatized AI tools and commercial translation services to create versions in other languages.

Despite our best efforts to ensure precision, there may be occasional errors in translation or text formatting.

These errors might include, but are not limited to:

- **Mistranslations:** Certain technical terms or phrases may not translate perfectly into other languages, leading to potential misunderstandings.
- **Formatting issues:** The layout, styling, and structure of the translated document may not perfectly match the original, causing readability concerns.
- **Cultural nuances:** Subtle cultural references or idiomatic expressions in the original text may not be fully captured in the translated versions.

We sincerely apologize for any inconvenience this may cause and appreciate your understanding as we continually strive to improve the quality of our translations.

Your feedback is invaluable to us.

In case you need this document in a language that is not published, please let us know. Also, if you encounter any issues or inaccuracies, please do not hesitate to contact us for clarification or report the problem to Tigermeeting customer service:  
[support@tigermeeting.app](mailto:support@tigermeeting.app)

Thank you for your understanding and cooperation.

# Network requirements summary

**IMPORTANT: read more in chapter: “Tigermeeting architectural concepts” in the Admin User Manual**

Tigermeeting application is based on a distributed database architecture and unique, high watermark synchronization technology that works without an on premises central or any external cloud database but requires flowless communication between the devices on the local network that sets certain network requirements.

## TIGERMEETING NETWORK REQUIREMENTS:

- **Broadcast requests need to be enabled** on and across the network segments (desired even over VPN if remote administration is used)
- **UDP ports: 6024, 6025, 6030 and 6031** need to be enabled on the network segment.
- The admin->device, device->device, device->admin communication requires the **TCP ports 6026** (and **8080** for older devices) to be enabled on the network.
- If an external online calendar is used, like Google Workspace, Microsoft365 or external URLs for iCal files - communication towards those resources need to be allowed through the firewall.
- Open communication towards the Tigermeeting Cloud - **tigermeeting.app** via **TCP port 443** is required only for the following functionalities:
  - Admin app: admin login
  - Admin app: forgotten password reset.
  - Admin app: analytics, AI assistant, theme and map configuration
  - devices' weather service and NFC or QR code authentication
  - devices' periodic license validations
  - devices' event logging (if the analytics feature is enabled)
  - both Admin and devices: theme configuration and background updates
  - both Admin and devices: new software upgrade check
  - both Admin and devices: new firmware upgrade check

For more information see the GDPR statement.

If the network requirements are not satisfied, the Tigermeeting applications may not functional properly, leading most often to:

- “Network communication error” during Admin login
- Devices are not detected on the network during auto discovery in Admin app.
- Devices are not able to change to the chosen theme.

# Introduction

Tigermeeting is the leading on-premises solution for meeting room management, digital signage and access control — fully decentralized, serverless, and built for extreme scalability.

Designed for enterprise-grade reliability, it offers a perpetual licensing model with no hidden costs or cloud dependencies.

How could we achieve this? The answer is simple: We listen to our customers.

We own the technology. We know the industry. We are passionate about what we do.

We consider customer needs. We adjust our product and service roadmap accordingly.

Our consistent Blue Ocean strategy and focus on the market earned us respect from both customers and competitors.

We see that our products are able to provide great and affordable service for schools, universities, offices and organizations with simple, functional, efficient and reliable meeting room management solution - that is already highly appreciated worldwide.

## Key features

The product features are carefully crafted to perfection and driven by genuine aim to provide an innovative and affordable meeting room management product with unique and original design - closing the gap between the huge market demand and the expensive, high-end competition.

- **Central management** – no need for time wasting visits to every device. All configuration, settings and updates can be pushed out to the devices centrally via the Admin app.
- **Simplicity** - we had the user experience as the highest focus for the front end design. The easier it is to navigate, the more it will be used.
- **Flexibility** - use the same solution in different or mixed environments. In the offices book meeting rooms; in schools show classrooms' timetables; somewhere else book tables, desks or cabinets if needed. Freely use different devices that fit best the given environment and purpose.
- **Security** - the solution runs on unique high watermark distributed database technology that does not need external datastore. All data stays within the

organization's LAN.

- **Automation** - one of our unique key features. Your users will always be able to find the available rooms. Book meetings in your online calendar or directly on the screen.
- **Localization** - use your own language on the screens - we support more than 40 languages, and a new one can be easily added on request without software upgrades.
- **Compatibility** - in today's interconnected World, the customers' infrastructure needs to be respected - therefore we support all major calendar applications – on prem Exchange Server, Exchange Online, Microsoft 365, Google Workspace, Google Calendar, Lark Suite, Feishu and iCalendar - fitting easily into the most networked room booking ecosystems.
- **Analytics** - provides glimpse over the company's meeting culture, people's habits as well the hardware usage and health.
- **Customization** - change the look and feel of the screen. Make it your own. Make the screens fit into your office environment with logo and background changes in all themes.
- **Unique features** - every meeting room booking system on the market does the job - the difference is in innovative, unique features where Tigermeeting makes the competitive edge.
- **Free updates** - as the product evolves, new features are added, bugs are fixed - all customers are eligible to upgrade their environments to the latest product releases - with a perpetual licensing model. This means lifetime effortless updates and product support.
- **Total ownership cost** - with Tigermeeting's perpetual licensing model and pricing strategy, the Tigermeeting suite became one of the most cost-effective meeting room solutions on the market with the lowest TCO.



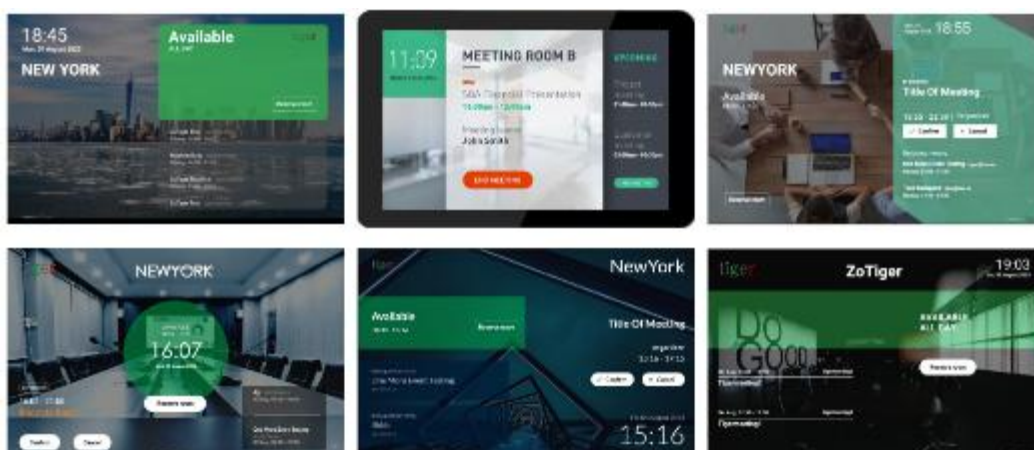
# Tigermeeting products

## Tigermeeting Booking screen

This product is designed to run on Android devices with screen sizes between 6" to 15", placed on a wall in front of the meeting rooms, classrooms, conference halls... showing the rooms' name, ongoing meeting status, meeting information, future meetings' schedule, running company videos and providing direct - on-screen meeting booking functionality synced with the attached corporate online calendars. The same runs on micro devices with screen sizes 3-6" attached to office desks or school cabinets showing the resource availability and providing on-screen booking functionality. It acts like a fire alarm in case of an emergency.



The booking screen appearance is easily customized by applying different themes via the Admin App



## Tigermeeting Overview screen

This product is designed to provide a real-time, comprehensive overview of the meeting rooms' statuses over the whole company - most often used on huge Android operating system powered screens placed in public spaces.

It shows the meeting rooms' name, schedule, and status on an intuitive timeline - similar to the TV EPG or in map view. It also shows the temperature, humidity, the rooms' sizes and the rooms' relative positions from the screen (left, right, upstairs, etc.)

The overview screens are also part of the unique fire alarm feature.



## Tigermeeting Admin App

The Admin app is a multi-platform, web-based management application that configures, updates and manages the whole Tigermeeting infrastructure in an easy, intuitive, efficient and secure way.

This tool is also used for troubleshooting, network backup/restore maintenance, fetching the logs and presenting useful analytics data that could be exported to any external BI tool.

The Admin app is a node.js, platform independent application that has installers provided for Windows, MacOS and Linux operating systems.

Read more about in the Tigermeeting Admin user manual.

# Device compatibility

Tigermeeting is compatible with most screens / tablets / phones that run Android operating system version 4.1 or higher.

Tigermeeting's primary choice is the Philips meeting room devices - because of the built-in status led bars, burn-in protection as well as the premium hardware and service quality. Read more at <https://tigermeeting.app/en/features/philips-partner> However, supporting other major Android device manufacturers satisfies our customers' own hardware preferences that open up for emerging markets that may optimize price and other customer specific aspects.

Tigermeeting actively supports economic sustainability, giving new life for older, refurbished Android devices making meeting management solutions affordable everywhere.

Using already existing, older, commercially decommissioned Android devices with iCalendar is the most affordable Tigermeeting solution - reducing the room display solution cost to as low as the one-time Tigermeeting license fee - very popular among the schools - especially, that educational institutions from developing countries can apply for license discounts.

WE SUPPORT YOU. WE SUPPORT SUSTAINIBILITY. WE ARE TRULY GREEN.

Tigermeeting has a long-term bilateral cooperation with Philips, therefore Tigermeeting products are fully compatible with Philips' Android based - devices supporting very hardware specific features like LED bars and firmware upgrades. However, the generic Tigermeeting Android APK - downloadable via the Admin App - supports other manufacturers' screens, tablets and mobile phones that run Android operating system (version 4.1 and higher).

The release - supporting Android versions 5.0 and higher is available on Google Play and other app markets Worldwide. Including China mainland and India.

Having support for ALL available Android devices in the World is simply impossible - but using advanced technology that allows support for different Android versions and most of the different screen sizes, opens up possibilities to use older Android phones, tablets and less expensive brands that would make the Tigermeeting solution even more affordable - aiming for the best TCO for a meeting room management product in the World.

# Installation from Google Play and other app stores

Google Play, Amazon Appstore, SAMSUNG Galaxy Shop and HUAWEI AppGallery releases support devices with Android versions 5.0 or higher.

To download, please click on the icon or scan the corresponding QR code.



If the device has functional Google Play, Amazon Appstore SAMSUNG Galaxy Shop or HUAWEI AppGallery, this is the easiest way to install the Tigermeeting Android App. These appstores handle the upgrades as well – as soon the new release is available in your region.

The Android APK is downloadable via the Admin Application as well. Read more about in the Admin User manual.

Tigermeeting is recognized and certified on other app markets and application stores on phones and tablets for device manufacturers in China and India.

Accepted among OPPO developers therefore the Tigermeeting app is available in many far east countries for users of OPPO Store that provides download, and upgrade functionality.

Tigermeeting has been officially accepted into the Sunmi Partner Network. The Tiger application is part of the Sunmi B2B application ecosystem, enabling seamless integration and enhanced solutions for global business partners.



The same is valid for VIVO devices where Tigermeeting is a member of VIVO developers community and it is approved on VIVO phones and tablets globally and with special permission in Hong Kong, Taiwan, Province of China, Australia, Bangladesh, India, Nepal, Sri Lanka, Myanmar, Indonesia, Cambodia, Lao People's Democratic Republic, Malaysia, Philippines, Singapore, Thailand, Viet Nam, Ukraine, Pakistan, Saudi Arabia, Russian Federation, United Arab Emirates – and in other 175 countries.



Tigermeeting is also recognized and approved on Xiaomi devices available on Xiaomi Official GetApps market – likewise on Transsion Palmstore as Dlightek Developer.

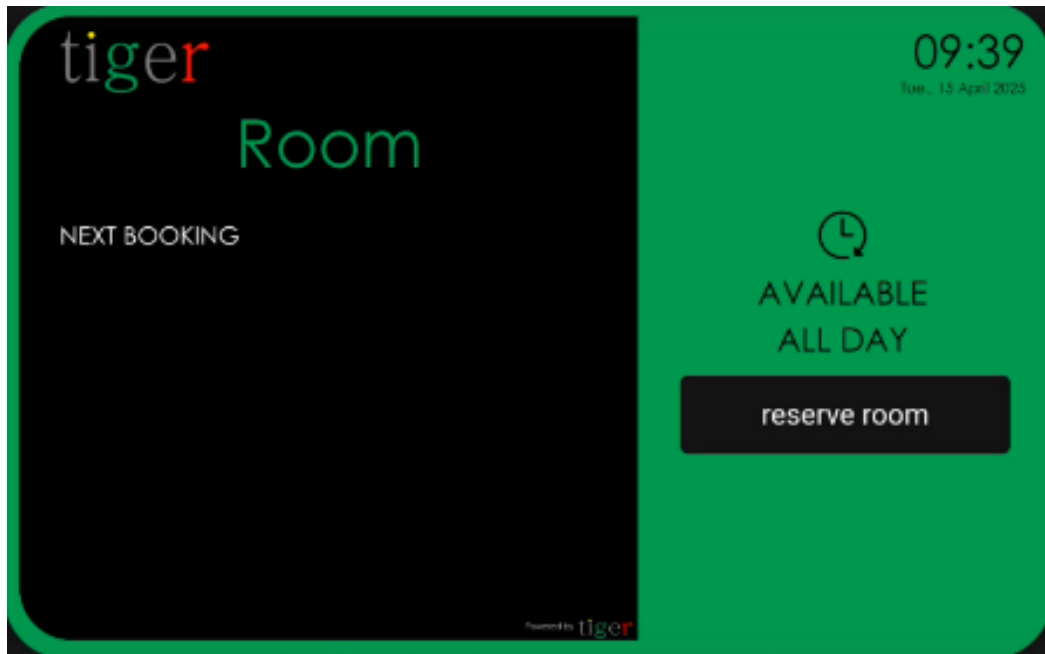
## Installation on generic Android tablets and screens

As every manufacturer follows its own layout and Android flavor with branded additions Tigermeeting will be able to provide just generic guidance for installations:

1. If the Google play or any other app store is available – use it
2. If Google play or any other market store is not available, obtain the Tigermeeting APK by downloading from the Admin App
3. Upload the Tigermeeting Android APK to the device by using USB or Bluetooth
4. Switch of the Mobile network – Tigermeeting operates just on LAN (Wi-Fi or Ethernet)
5. Install the signed and verified Tigermeeting (Tiger) Android APK
6. Allow “Draw over other apps”

7. Allow access to the device's storage (photos or disk could be asked)
8. Allow "Install from unknown sources"
9. Last option: Make Tiger a "Home screen" when asked for – it could happen after the first reboot.

**NOTE:** For booking devices - the device is fully operational just when the green, default theme appears



If the Admin app and the screens running the Tiger applications are on the same subnet satisfying the network requirements – the screens will be automatically discovered by the Admin app.

In case the auto-discovery does not work, please read the Troubleshooting section in the Admin User manual.

# Installation using ADB (Android Debug Bridge)

In very rare cases, when there are no other install options available, advanced users may use ADB to install the Tiger APK.

**NOTE:** this is not the recommended method of installation.

- Enable Developer options: Navigate to Settings->About->Build number and press rapidly 7 times.
- Enable USB and / or Wireless debugging: Navigate to System-> Advanced options or just to Developer options and enable USB debugging and if available Wireless debugging.
- On your host download and install the ADB driver
- Connect to the screen with an USB cable or via the network:  
Example: **adb connect 192.168.88.56:54321** (default port is 5555, but newer android versions use a random port shown under Wireless debugging options)
- Install the Tiger APK
- Example: **adb install releaseAndroid-Tiger-3.5.12-5014.apk**

You might find useful information at XDA developers' portal <https://www.xda-developers.com/install-adb-windows-macos-linux/>

**NOTE:** all application settings and permissions need to be set regardless of the method of installation.

## Allow OVERLAY, "Draw over other apps"

Depending on the installed applications on the device, the "Draw over other apps" permission is needed. If this permission is not granted, the Tigermeeting application can suffer different race conditions that may cause the screen to appear black or the "Home app" choice is presented over the screen.

In order to configure the "Draw over other apps" permission, please perform the following steps:

- 1 Turn on the device.
- 2 Go to the "Maintenance/ Admin menu"
  - 1 Under device Settings, "Apps" select the Tiger application.
  - 2 Make sure that the "Draw over other apps" have value "Yes" or "Enabled"
  - 3 Also make sure that the "Home App" value is "Yes" or "Always"

## Allow "Install from unknown sources"

Some devices - when first time installed via an USB device, or Bluetooth, or downloaded from a network - or just staged by the running Tigermeeting app during a software upgrade – the “allow install from unknown sources” question may appear.

Please, allow these sources if you have initiated the install – otherwise the installation can be denied.

## Allow "Storage access"

Tiger APK needs to have access to the local storage.

In some Android versions the option is called “Files and media” or something similar.

This permission is needed for Software, firmware upgrade, Video-player and screenshot functionality.

## Allow "Home app" -> Always or Yes

In the production environment it is desired that the Tigermeeting app is always visible and starts automatically when the device starts. The Tigermeeting app locks the

touch screen according to the device properties set in the Admin application – and does not allow any other access to the device. That behavior is desired mostly in public spaces.

During the DEMO/trial this functionality might not be needed.

## Set the correct time zone

From Android 8 the system does not allow applications to set the time zone. Tigermeeting Admin app has support for setting the time zone for the older devices, but on all newer devices this needs to be done on the devices' Android setup menu. (except when the screen supplier SDK allows this operation) It is recommended to use network time and network time zone if they provide correct local time for the device.

**NOTE:** Tigermeeting application displays and manages calendar events, therefore it is very important to set the correct time on the devices.

## Set the correct date and time

Dealing with calendar – it is all about time.

Devices / screens in the Tigermeeting environment are all independent entities that collaborate with each other using time.

If the time is out of sync the commands, updates can be ignored, calendar SSL handshakes be refused, that can be leading to malfunction and misunderstandings – as the database exchange between the devices in the network as well as the modified configuration that Admin App sends out to the devices depends on the correct timestamp (date and time).

These errors are not exposed to the end-users (employees in the office, students in the universities or pupils in the schools), but analysing the logs would reveal these issues to the Tigermeeting infrastructure administrators.

However, the easiest way to detect potential inconsistency and avoid issues in the Tigermeeting environment is to make sure:

- The time zone used is correct
- The time is correctly set

- The device shows correct time

Using NTP, or local network time or explicitly set up time zone or time – does not make any difference from the Tigermeeting perspective as long the current date and time used by the device is always correct.

## Disable scheduled sleep

Devices running Tigermeeting application maintain on their own the calendar token validity that is initiated when the calendar is attached. Before the token expires, the screen will ask for the token renewal.

If the devices are offline or sleep when the token renewal is about to happen – the token may expire that leads to calendar event synchronization failure.

In these cases, new calendar authentication / re-authentication needs to be performed again.

## Enable NFC

Devices running Tigermeeting application can perform NFC authentication if the screen supports NFC, the NFC is enabled on the device, and the NFC service validation is correctly integrated (see more in the Admin User manual)

# Disable screen rotation

The Tigermeeting application does not support sensor-based screen rotation. This was intentionally turned OFF when Tiger started supporting many different screens ranging from sizes 4" to 16" for booking-screens also screens from many manufacturers such as Philips, IAdea, ProDVX, Aurora, Qbit, Samsung, Huawei, Xiaomi, Asus, Oppo, and many others.

To accommodate all these different screen dimensions, resolutions and screen rations with all Tiger features like theme changes, company logo, office/school/desk mode, etc., Tigermeeting had to make a strategic decision not to support device sensor-based rotations

Tigermeeting introduced the theme-based PORTRAIT and LANDSCAPE mode. The sensor is still ignored, but by choosing a portrait theme the screen will operate in portrait mode.

Reverse mode option is also available for each orientation.

Tiger supports the following Android screen orientations:

- LANDSCAPE
- PORTARAIT
- REVERSE\_LANDSCAPE
- REVERSE\_PORTRAIT

What orientation is LANDSCAPE and PORTRAIT on a particular screen depends on the Android device's firmware.

To Tiger properly perform the screen orientation change, the sensor-based rotation and any Android settings-based screen orientation needs to be turned OFF.

# Disable font sizing on firmware level

Many smart displays and Android-based panels have a built-in feature (often called "Text Auto sizing" or "Font Inflation") that forcefully enlarges text to make it easier to read. This option can often be found under **Settings-> Display->Font Size**

Because the Tigermeeting interface is mathematically calculated to use exactly 100% of the screen height, this forceful OS-level inflation expands the top header and pushes the bottom row slightly out of bounds.

Please, make sure that font sizing is either disabled or set to “normal” or “default”.

## Google Play store pros and cons

Tigermeeting can be installed either through Google Play (or many other Appstore) or by using APK/MDM/OEM tools. When the app is not installed from Google Play, leaving Google Play Store and Google Play Services enabled can create unnecessary interruptions during updates.

When Tigermeeting is sideloaded (not installed from Google Play or any other Appstore):

- Updates may require on-screen confirmation, which is impractical for devices mounted in meeting rooms or spread across a building.
- Google Play Services may block or delay updates, because it expects the app to be managed through Google Play.
- Kiosk-mode devices become less stable, as Play Store components may interfere with auto-launch or background update behavior.

Disabling these components ensures silent, predictable updates and prevents user prompts.

Disable Google Play Store and Google Play Services when:

- Tigermeeting is installed via APK or MDM
- Devices operate unattended (meeting rooms, signage, kiosks)
- You require fully silent updates without user interaction
- Keep them enabled only if Tigermeeting is managed directly through Google Play.

Disable Google Play Store and Google Play Services

1. Open Settings
2. Go to Apps & Notifications (or Apps)
3. Select Google Play Store → Disable
4. Return to the app list

#### 5. Select Google Play Services → Disable

After this, the device will no longer request confirmations during Tigermeeting updates.

However, some manufacturers require special app signatures or manufacturers' permission to use the silent APK upgrade for sideloaded APKs.

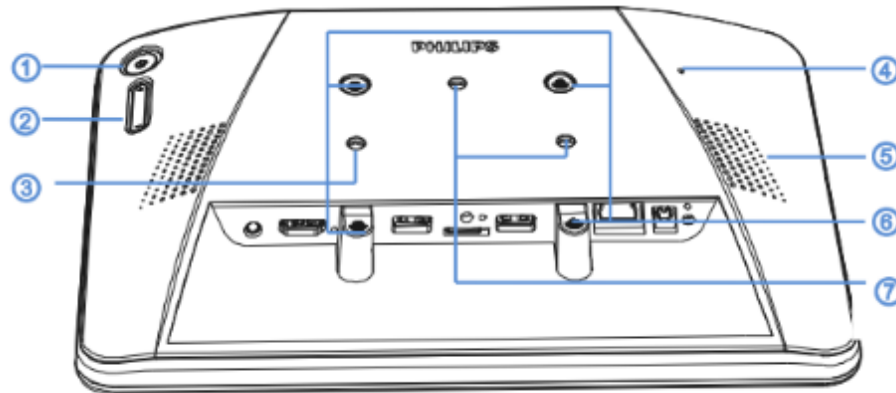
On these environment enjoying the Google Play store (or other Appstore's) already reviewed application status, the Tiger application upgrade can be very smooth and automatic without any Admin action.

Using play stores' benefits is explicitly recommended on those environments when the Tiger APK does not have permissions for upgrading itself – in order to keep the Tiger infrastructure on the latest release level.

# Installation on Philips 10BDL3051T

Philips TPV10BDL3051T runs Android 4.4.4

To enter the Admin mode press Menu + Volume- (from the Philips manual):



① **[Menu] Button**

② **[Volume +/-]**

Volume up and down

| Key                                                 | Function                     |
|-----------------------------------------------------|------------------------------|
| Menu + Volume-                                      | Launch Admin mode app        |
| Menu + Volume+                                      | Launch Quick Information app |
| Menu + Menu + Volume+ + Volume- + Volume- + Volume+ | Enable touch function        |
| Menu + Menu + Volume- + Volume-                     | Turn on the screen           |

③ **[Stand screw hole]**

④ **[Reset] Button**

Factory Reset

⑤ **[Speaker Hole]**

⑥ **[WESA mount]**

Screw spec: M4

⑦ **[Wall Mount Screw Hole]**

Please, follow the installation steps:

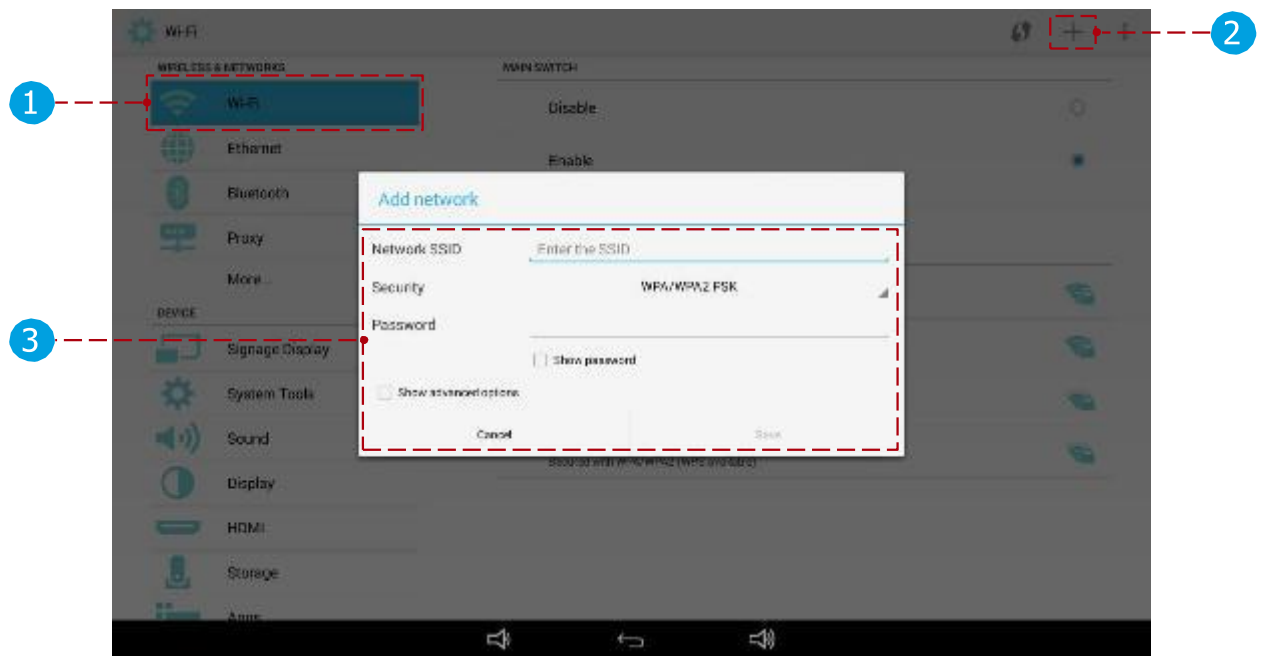
① Turn on the device and enter the Admin mode.

② Set the network connection: Select WiFi or Ethernet connection. Check connection state.

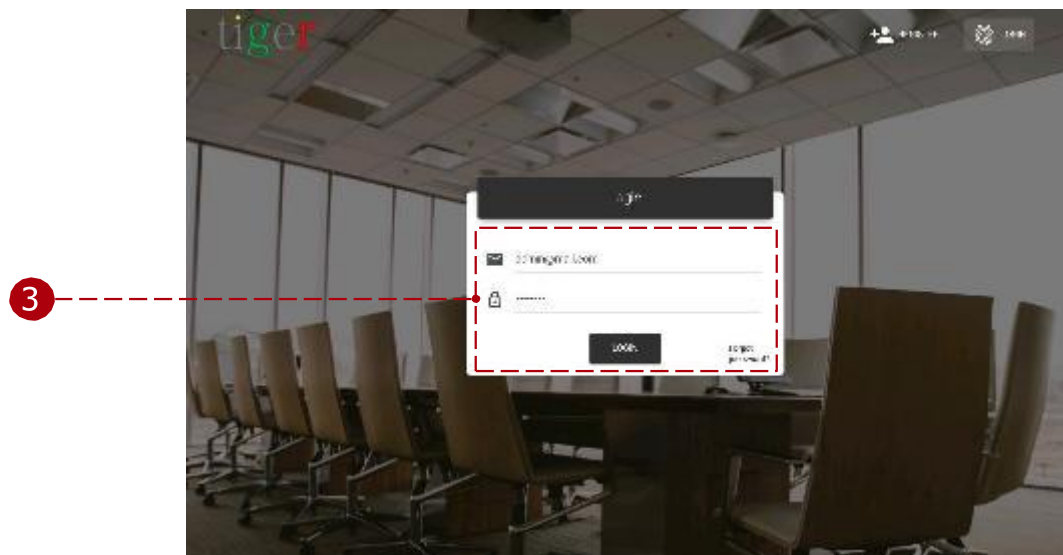
① Under device Settings, "Wireless & network" select Wi-Fi connection.

② Add network and add network parameters.

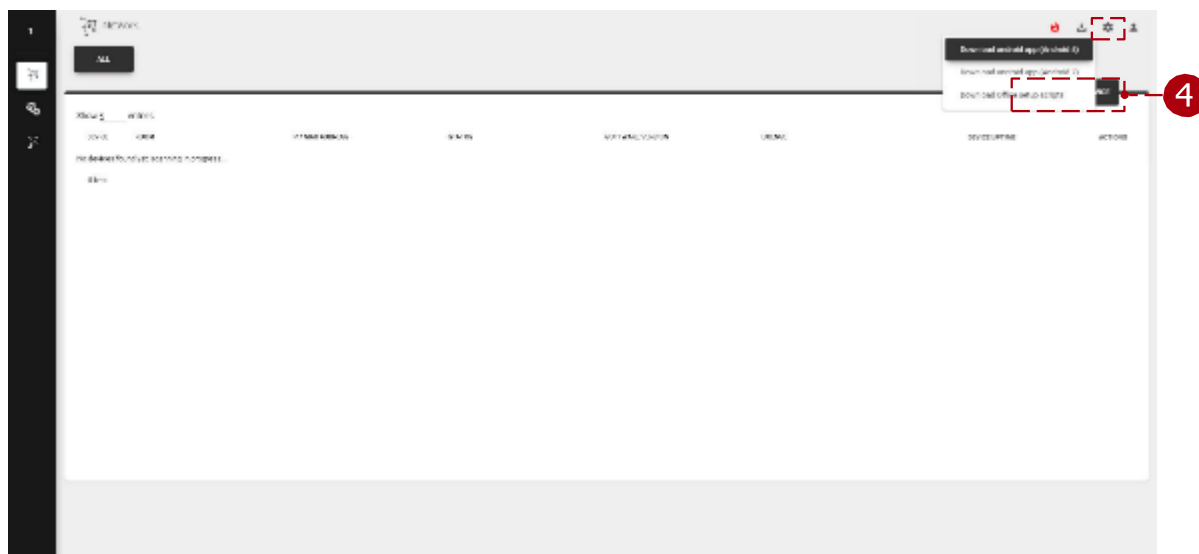
③ Save and connect to the network.



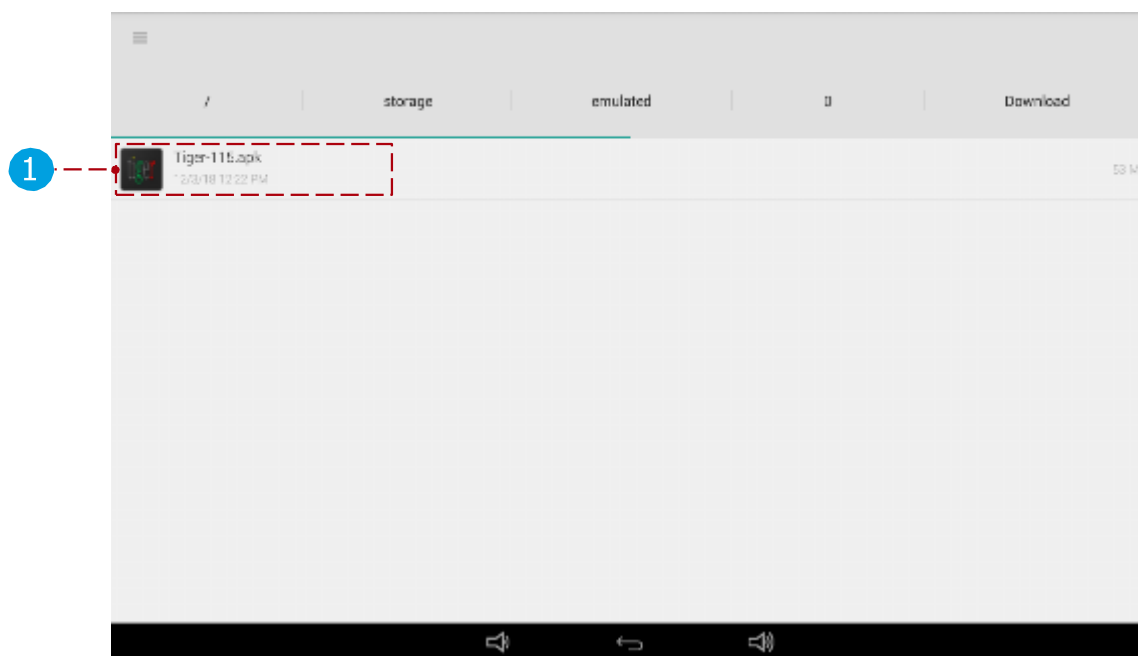
3 Start the Tigermeeting admin application and log in.

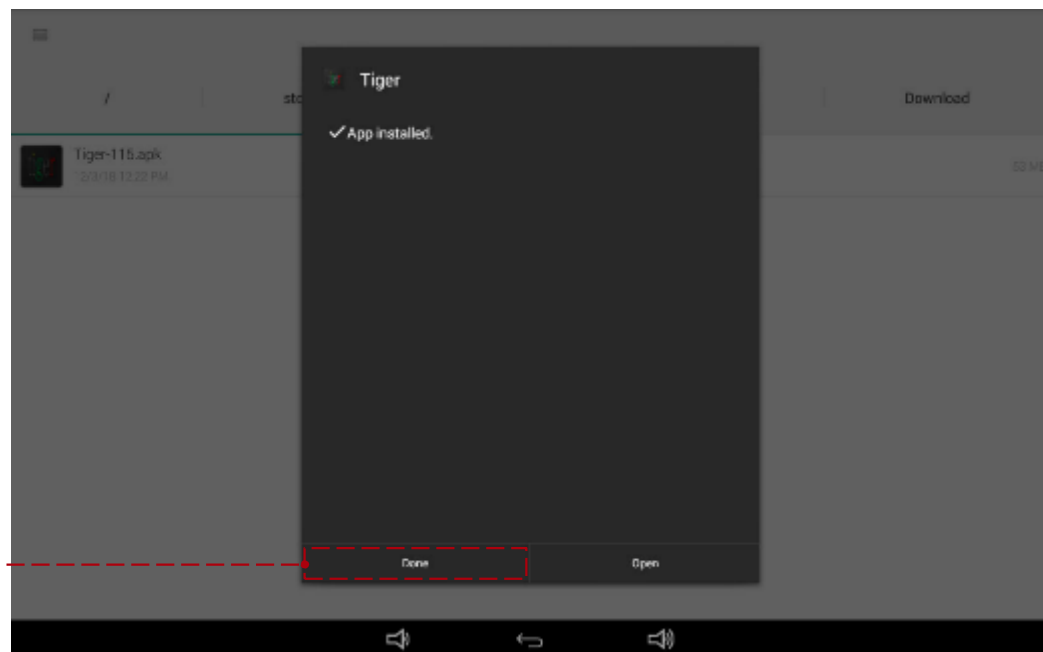
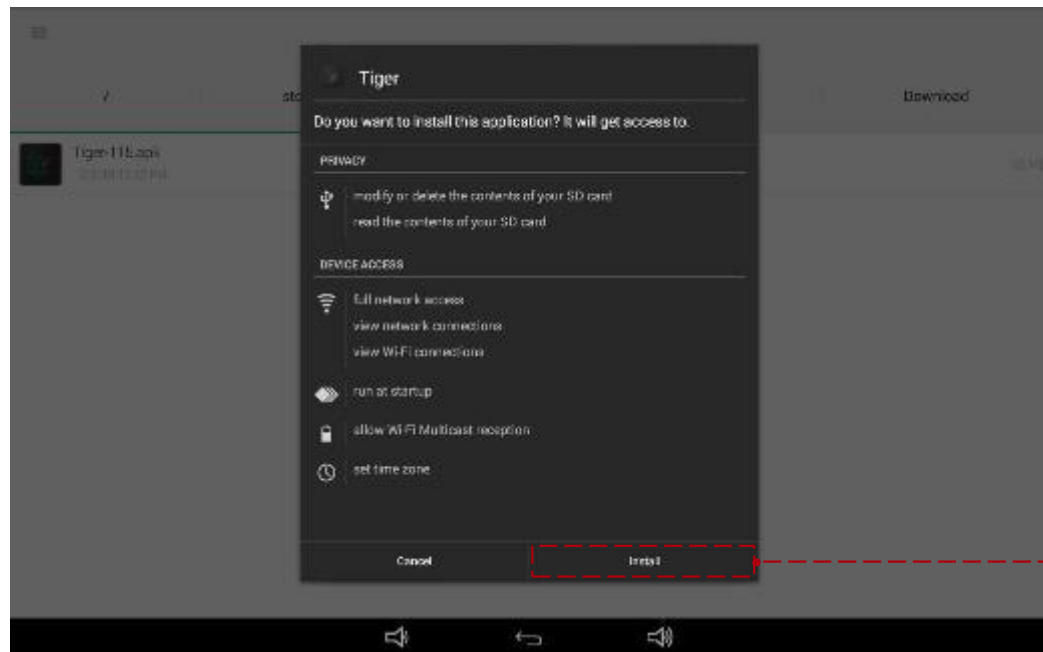


- 4 Download the Tigermeeting android application from the admin application.



- 5 Copy the Tigermeeting android application to a portable USB drive.
- 6 Plug in the USB drive to the tablet device.
- 7 Find and open (using the "File Manager") the Tigermeeting android application (apk) file to install.
  - 1 Select file and open it.
  - 2 Install the application.
  - 3 Finish the installation and after it do not start the application.





8 Open the device's settings again.

1 Under settings open "Signage Display"

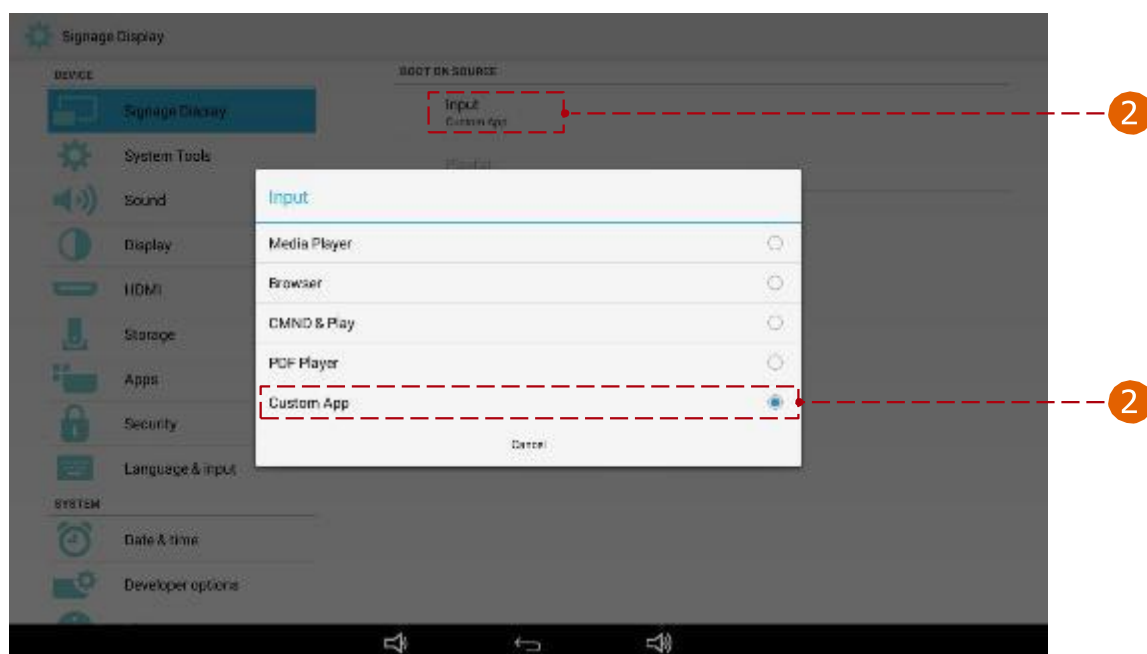
2 Under "General Settings" submenu open "Boot on source".

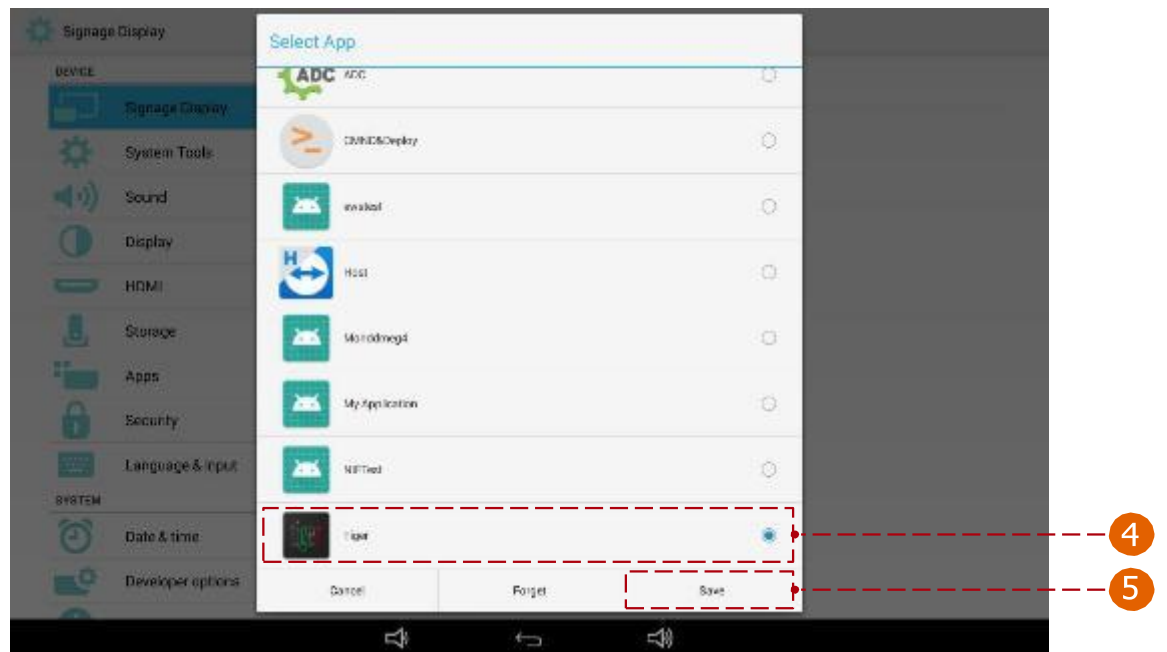
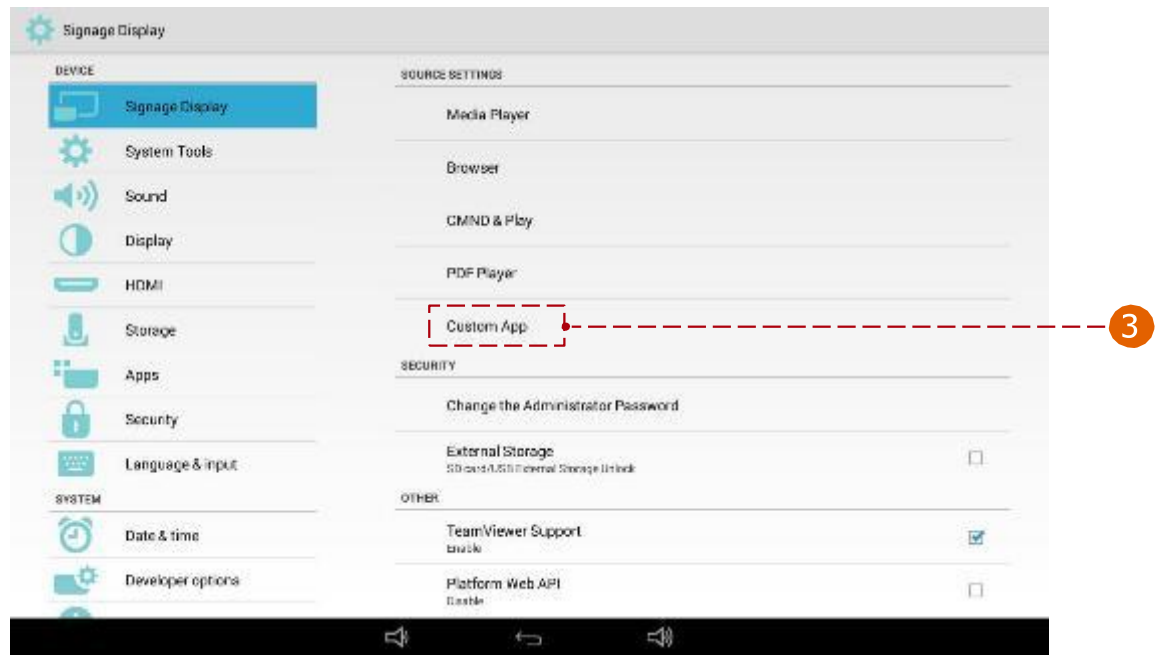
3 Change "Input" parameter to "Custom App".

4 Go back and under "Source settings" sub setting open "Custom App".

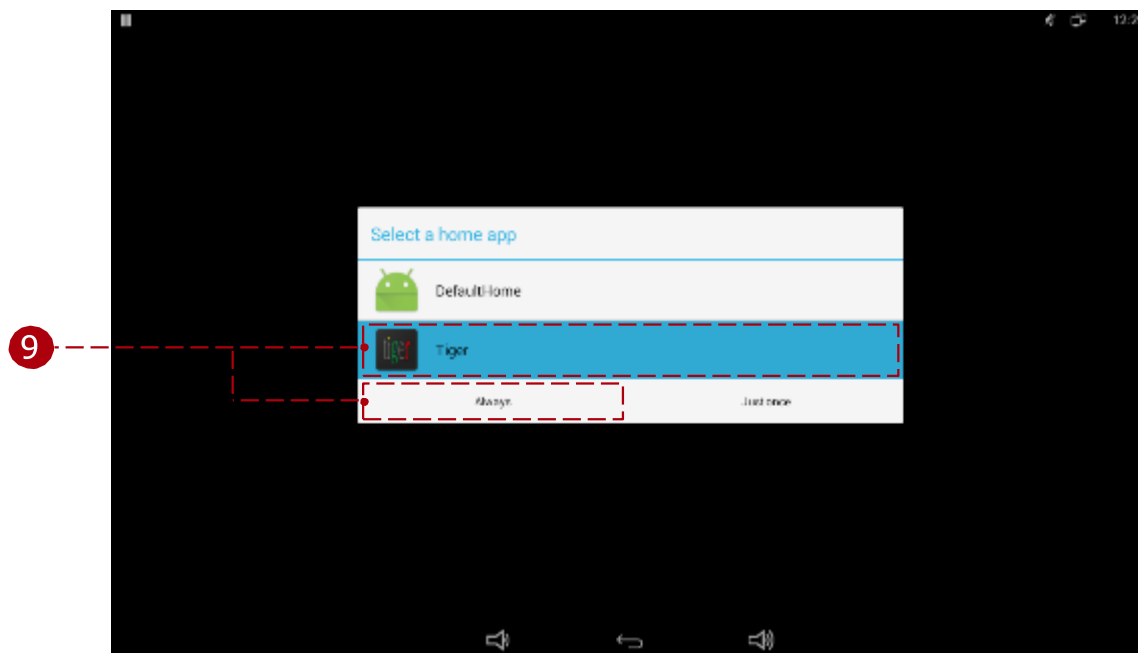
5 Select the "Tigermeeting" application.

6 Save the settings.





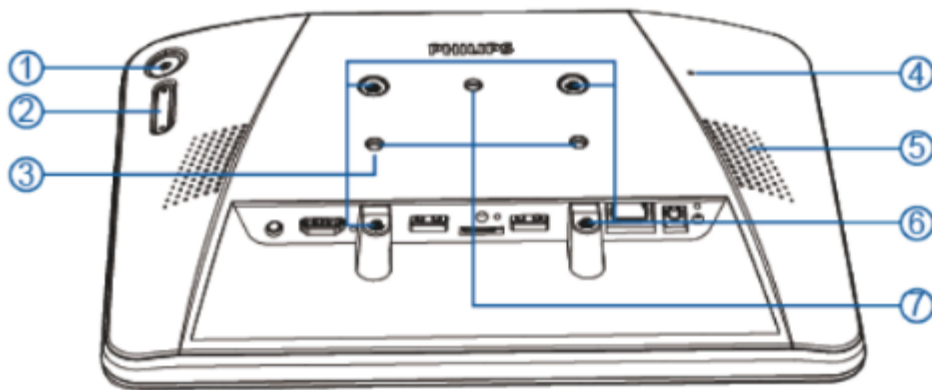
- 9 Go back to the main screen and select always the Tigermeeting application as "Home app". From here the device is configured and ready to work.



# Installation on Philips 10BDL4151T and 10BDL4551T

This chapter is valid for Philips 10BDL4151T, 10BDL4551T and all xxBDLxx51T series that run Android 7.x and Android 8.x.

To enter the Admin mode press Menu + Volume- (from the Philips manual):



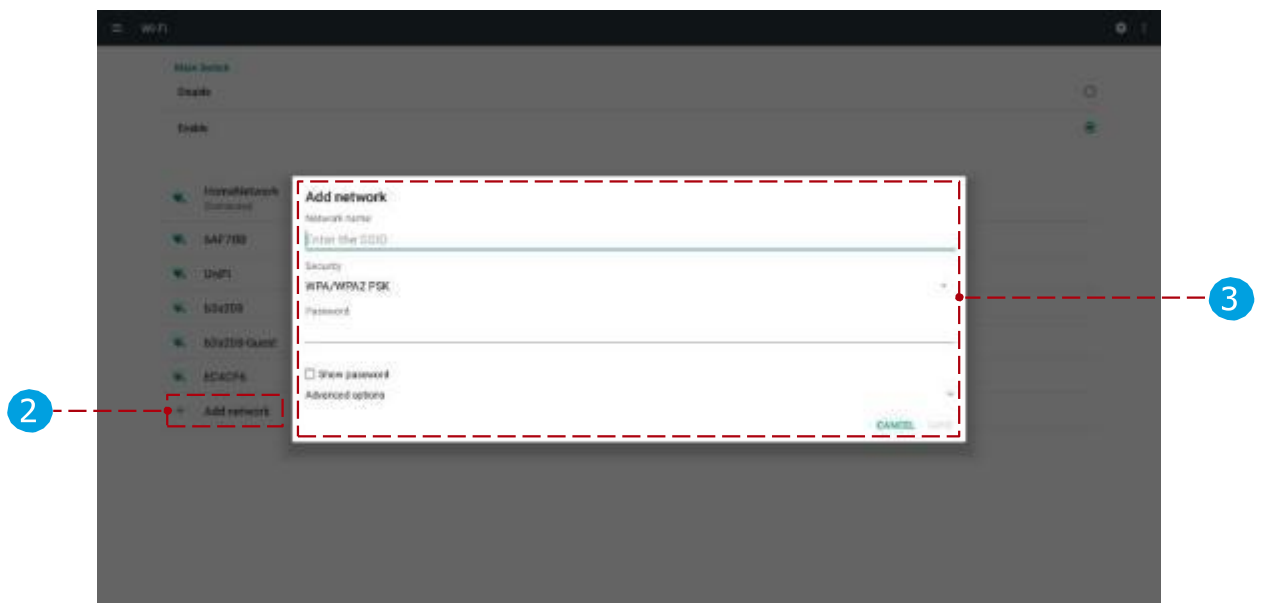
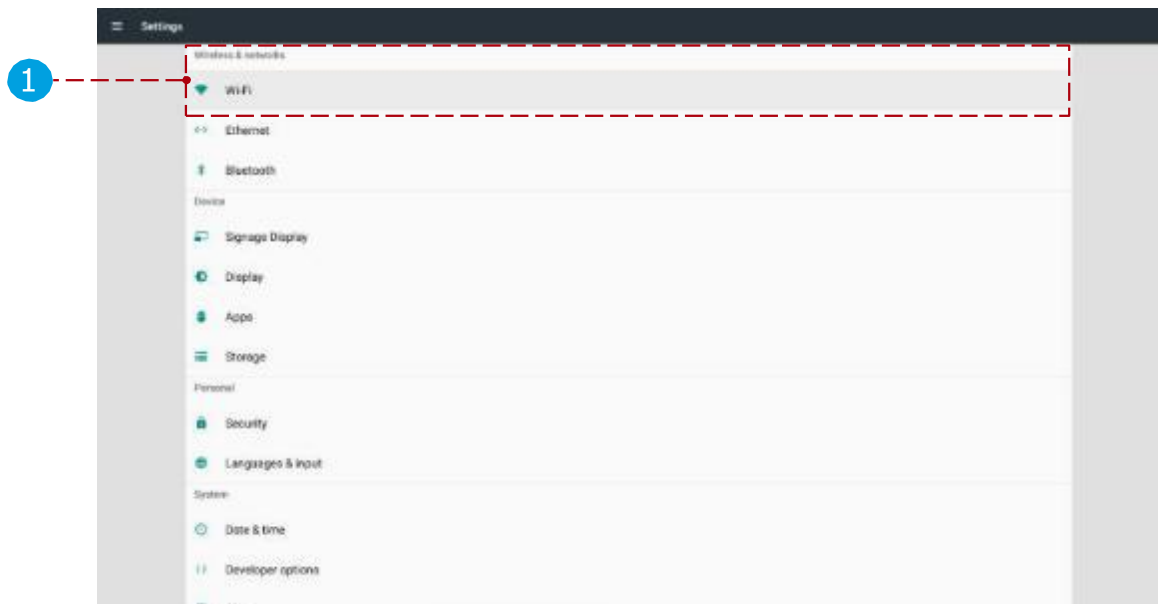
- ① [Menu] Button
- ② [Volume +/-]  
Volume up and down

| Key                                                 | Function                     |
|-----------------------------------------------------|------------------------------|
| Menu + Volume-                                      | Launch Admin mode app        |
| Menu + Volume+                                      | Launch Quick Information app |
| Menu + Menu + Volume+ + Volume- + Volume- + Volume+ | Enable touch function        |
| Menu + Menu + Volume- + Volume-                     | Turn on the screen           |

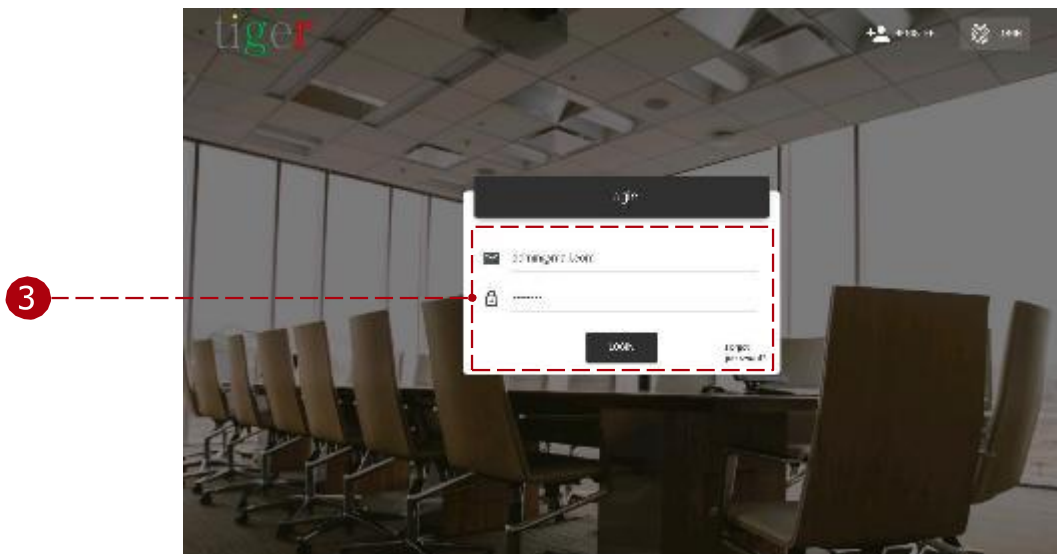
- ③ [Stand screw hole]
- ④ [Reset] Button  
Factory Reset
- ⑤ [Speaker Hole]
- ⑥ [VESA mount]  
Screw spec: M4
- ⑦ [Wall Mount Screw Hole]

Please, follow the installation steps:

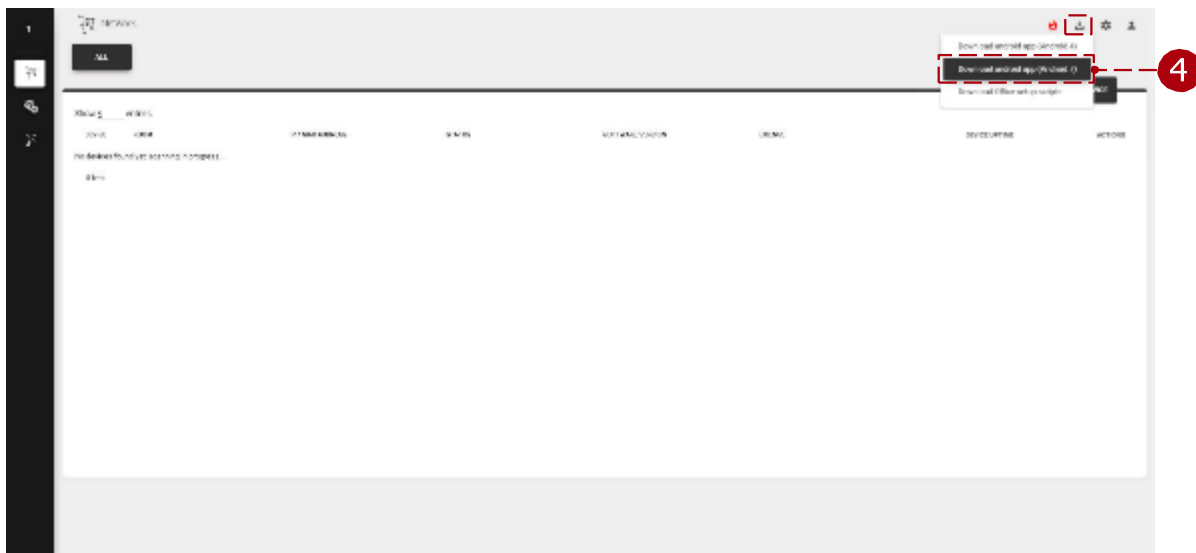
- ① Turn on the device and enter the Admin mode.
- ② Set the network connection: Select Wi-Fi or Ethernet connection. Check connection state.
  - ① Under device Settings, "Wireless & network" select Wi-Fi connection.
  - ② Add network and add network parameters.
  - ③ Save and connect to the network.



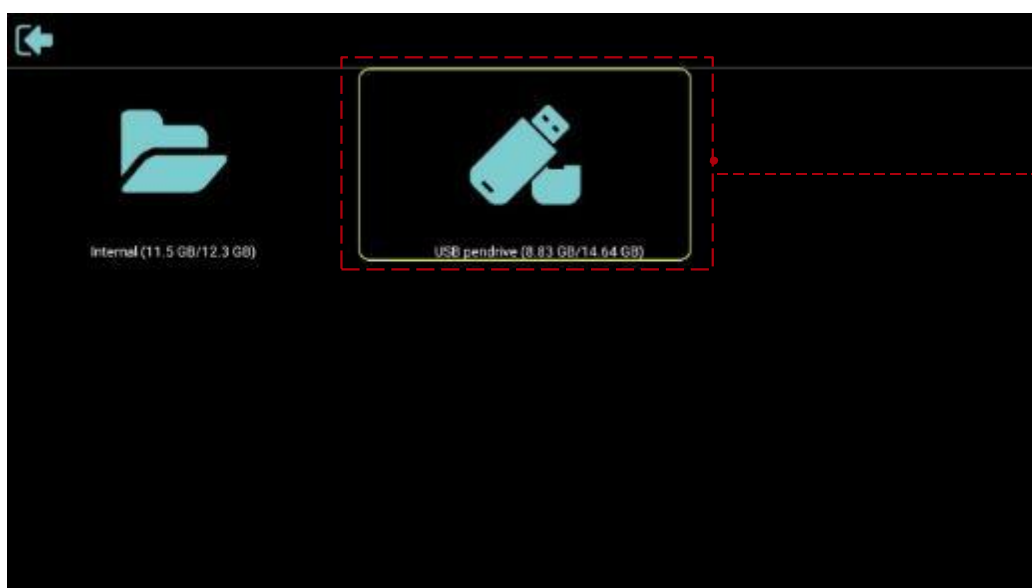
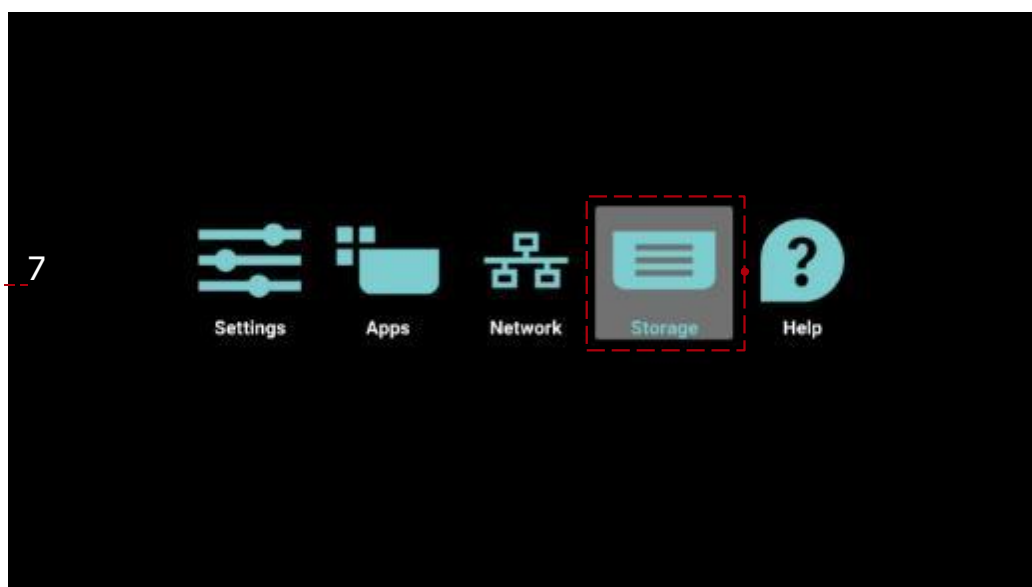
- 3 Start the Tigermeeting admin application and log in.

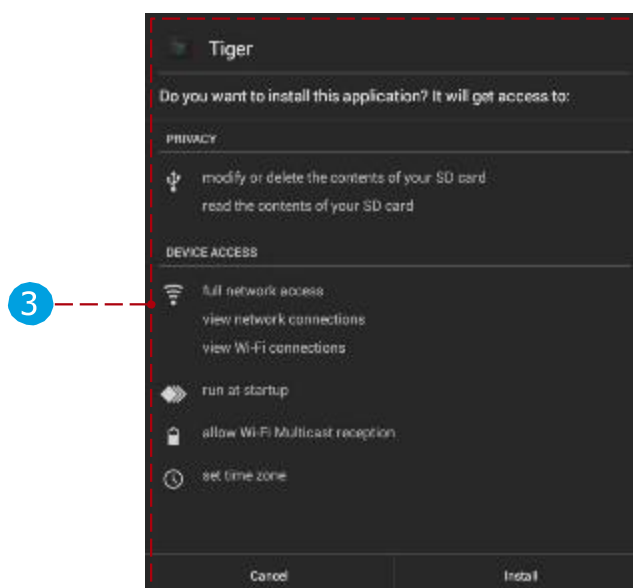
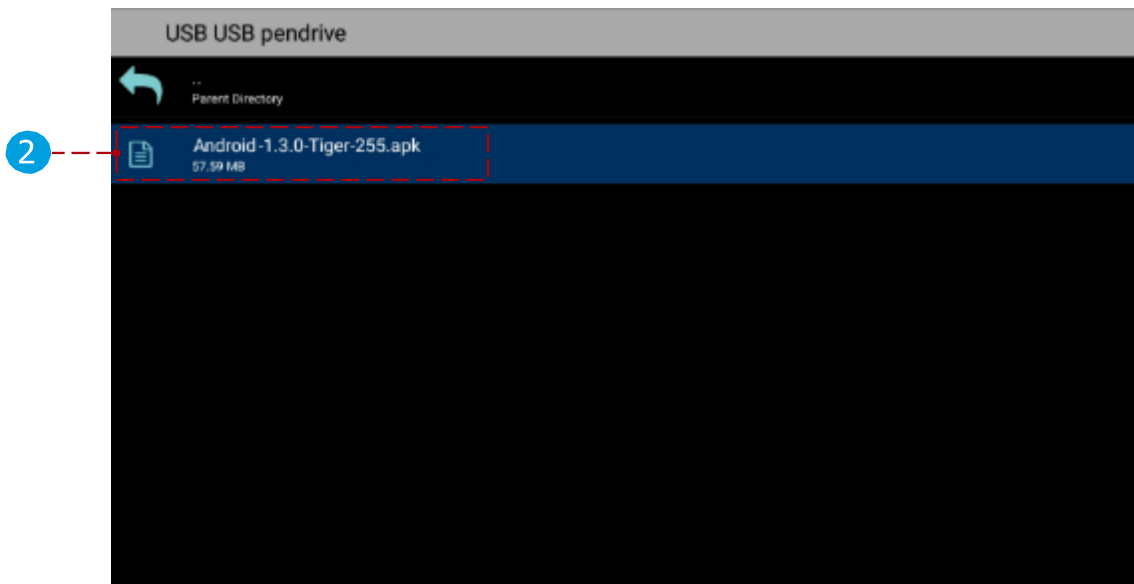


- 4 Download the Tigermeeting android application from the admin application.



- 5 Copy the Tigermeeting android application to a portable USB drive.
- 6 Plug in the USB drive to the tablet device.
- 7 Find and open (using the "File Manager" or "Storage") the Tigermeeting android application (apk) file to install.
  - 1 Select the USB device.
  - 2 Select the apk file and open it.
  - 3 Install the application.
  - Finish the installation and after it, do not start the application.



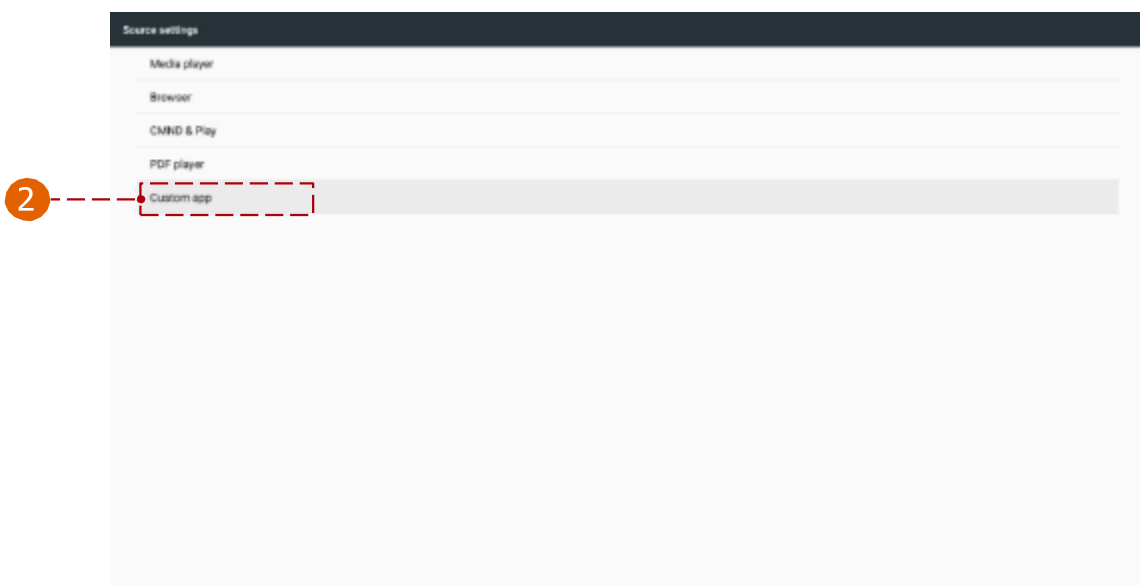
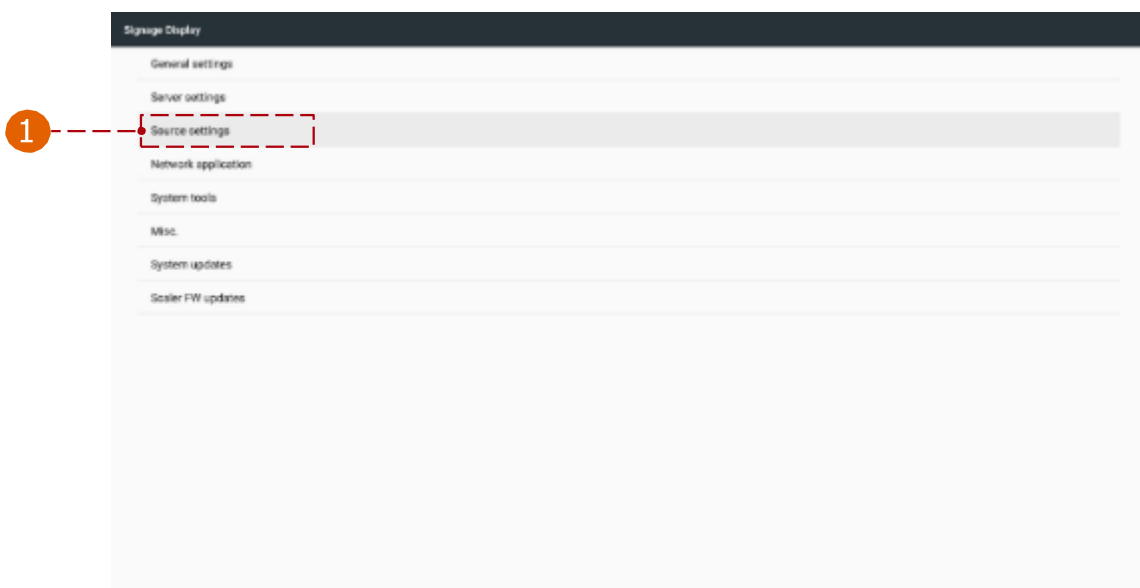
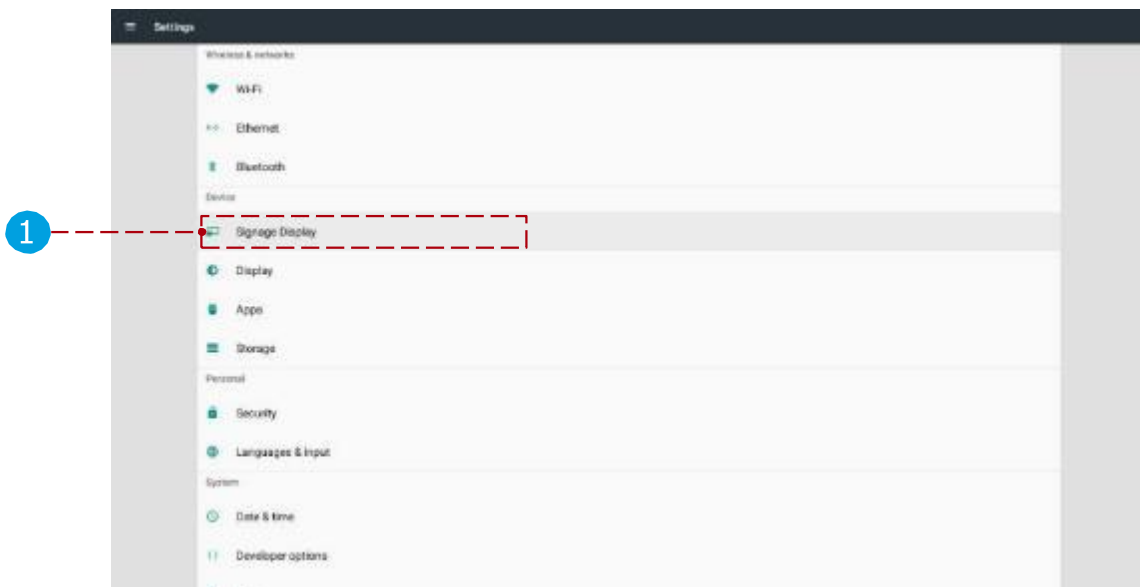


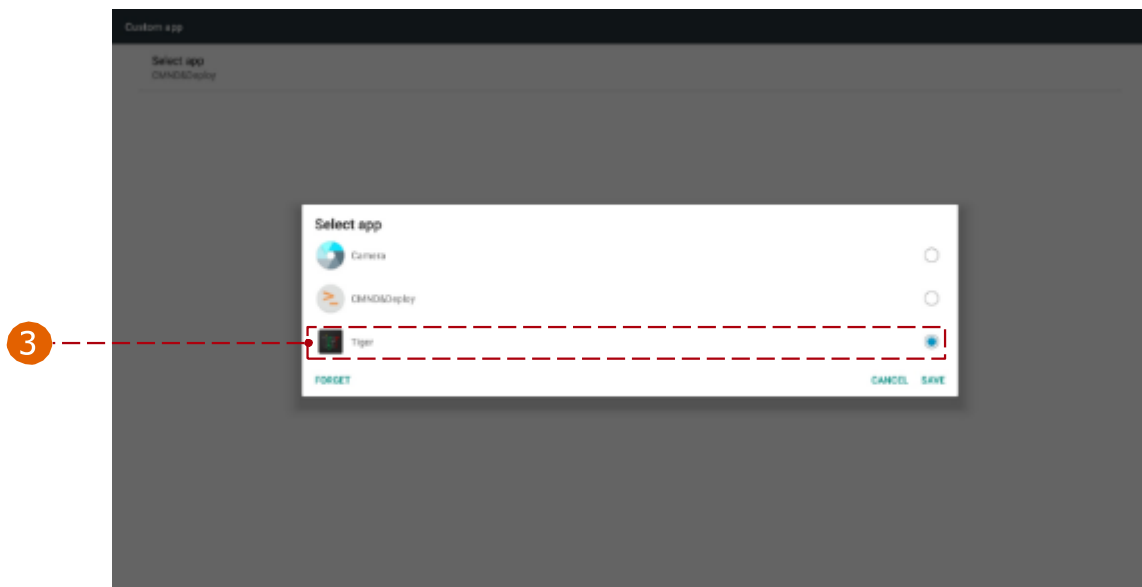
8 Open the device's settings again.

1 Open "Signage Display"

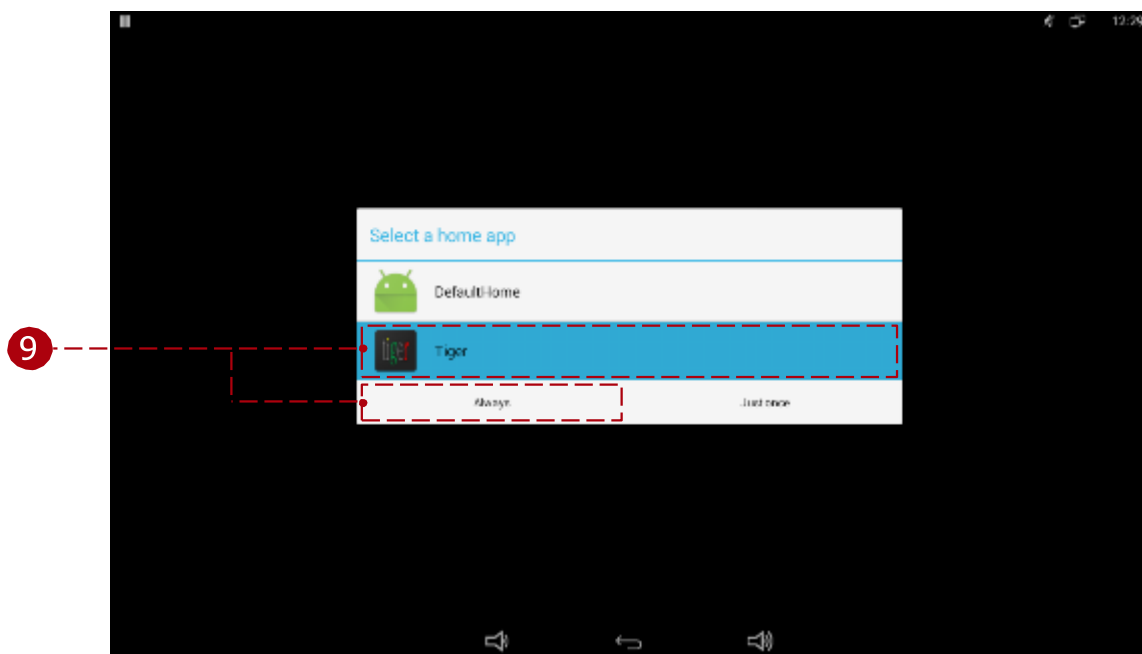
1 Open menu "Source  
2 settings". Open menu  
3 "Custom App".

Select "Select app" and select "Tigermeeting" on the list and press





Go back to the main screen and select **always** or **yes** the Tigermeeting application as "Home app". From here the device is configured and ready to work



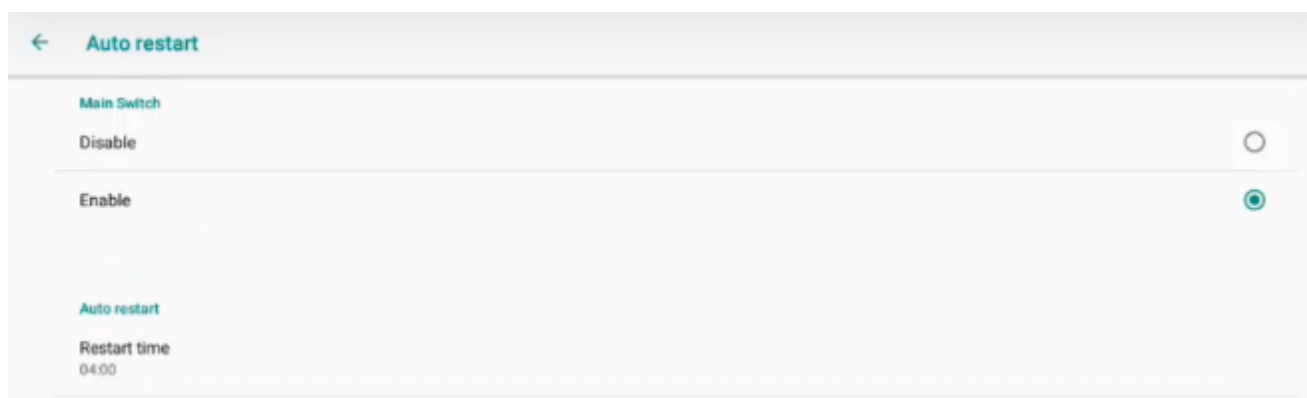
## IMPORTANT NOTE

TPV10BDL4551 devices with newer firmware – like FB01.16 can stop the Tigermeeting application after a day or so - making the screen appear black.

This is a Philips firmware feature or issue.

The temporary solution is to schedule an automatic reboot of the screen once a day.

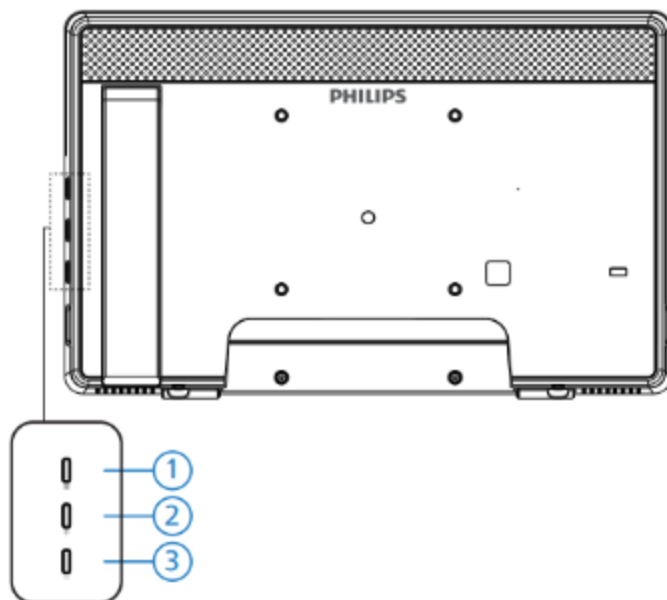
**Settings -> Signage Display -> System tools -> Auto restart -> Enable, set 4am** (for example)



## Installation on Philips 10BDL5051T and 10BDL3351T

Despite the new design and the new Android 13 operating system, the Philips 10BDL5051T and 10BDL3351T devices - thanks to Philip's excellent and consequent product management - behave the same as their older sibling 10BDL4551T running Android 8.1. Therefore, for the installation instruction, please follow the instructions in the earlier chapter.

To enter the Admin mode press Menu + Volume- (from the Philips manual):



① Menu: To activate the OSD menu.

②/③ Volume +/-: Volume up and down.

| Operation                                           | Function                     |
|-----------------------------------------------------|------------------------------|
| Menu + Volume-                                      | Launch Admin mode app        |
| Menu + Volume+                                      | Launch Quick Information app |
| Menu + Menu + Volume+ + Volume- + Volume- + Volume+ | Enable touch function        |
| Menu + Menu + Volume- + Volume-                     | Turn on the screen           |

Please, keep in mind that the Philips factory firmware can have additional applications that may start before the installed Tiger application (with home app privileges).

These applications can be configured to allow the Tiger app to start before them or simply removing the application would solve the problem.

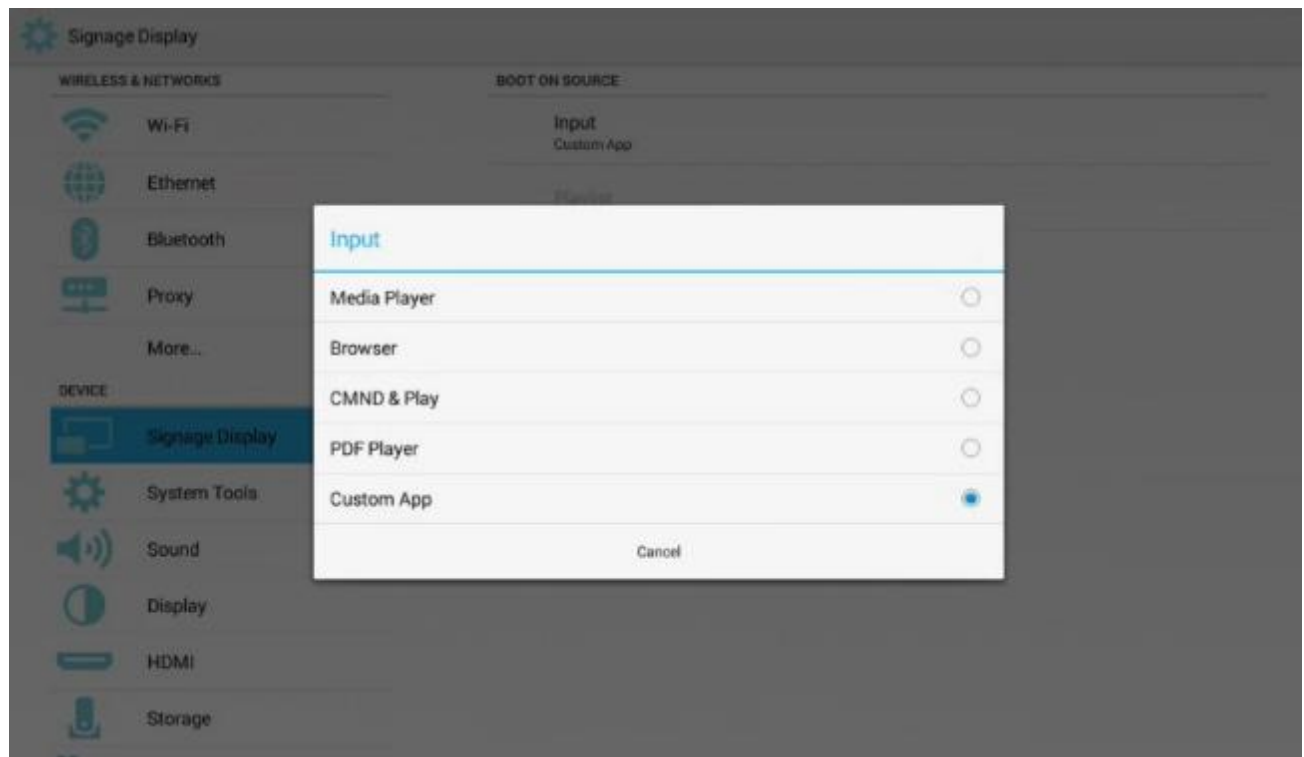
Some of those applications include the excellent SmartSign

In some cases, other applications start before Tigermeeting – like the Media Player, or the SmartSign.

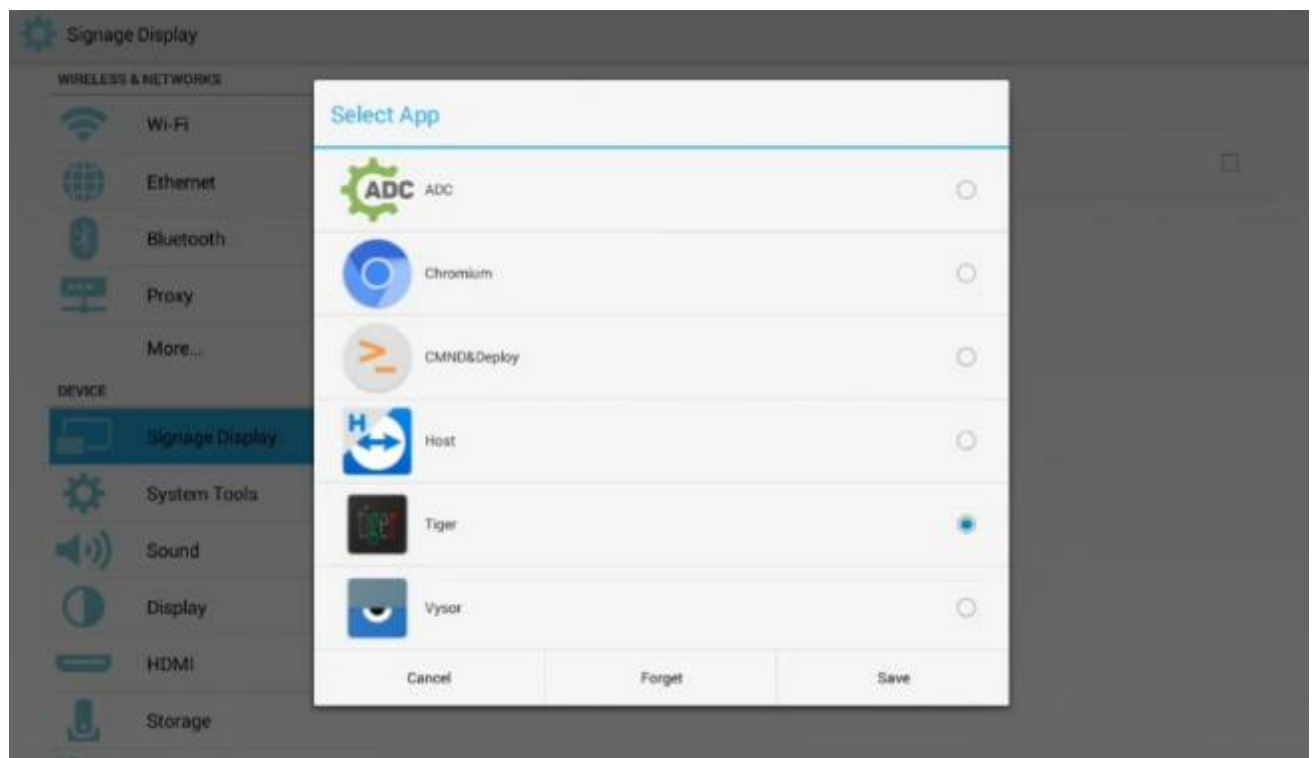
Please use Philips Signage Display settings to make sure Tigermeeting starts after the boot.

**Settings -> Signage Display -> Boot on source**

Chose “Custom apps”



...and then edit the Custom apps choice: **Settings -> Signage Display ->Custom app->Select app->Tiger**



**NOTE:** Many calendar management suppliers – Tigermeeting competitors -use Philips screens under white labels (like Meetio or Evoko)

Tigermeeting is an excellent choice to reuse and give new life to these devices..

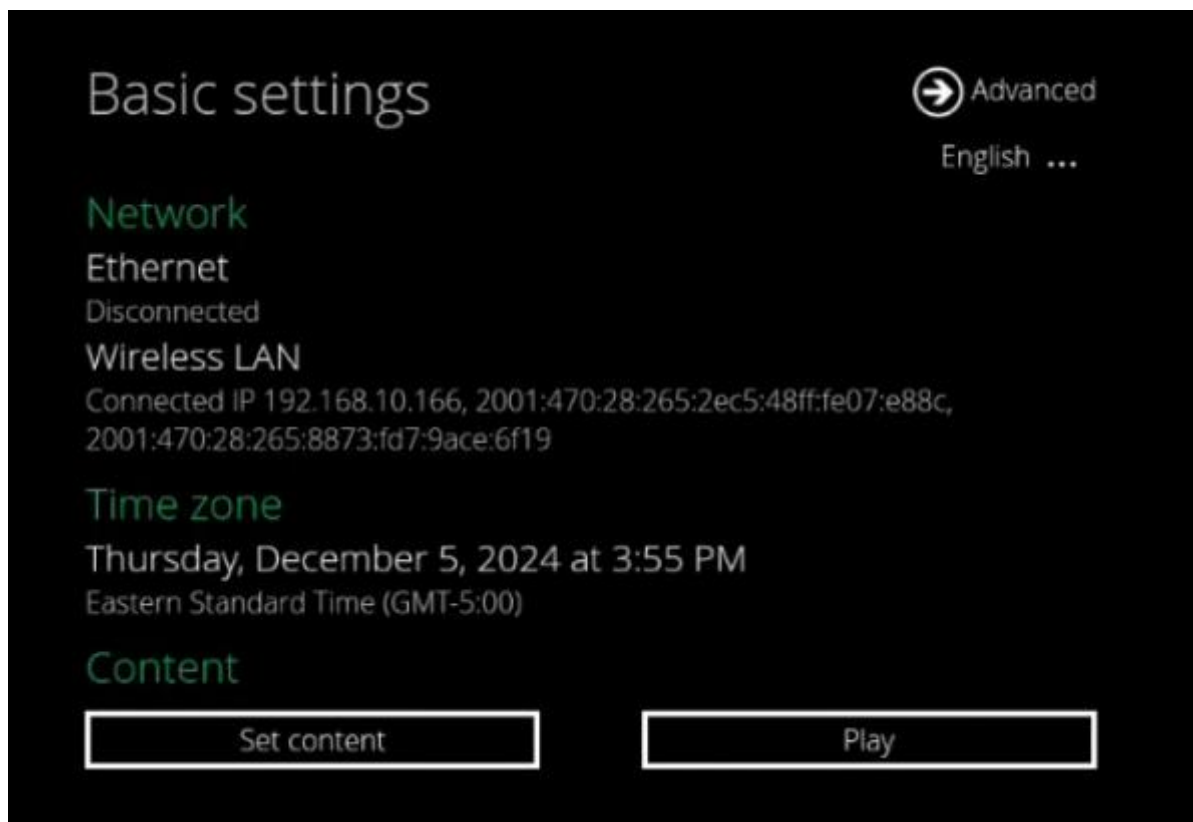
# Installation of IAdea screens

Tigermeeting supports a wide range of IAdea screens, stating from Android versions 7... to the newest models, thanks to IAdeas consequent product management that keeps the firmware and the vendor API backwards compatible.

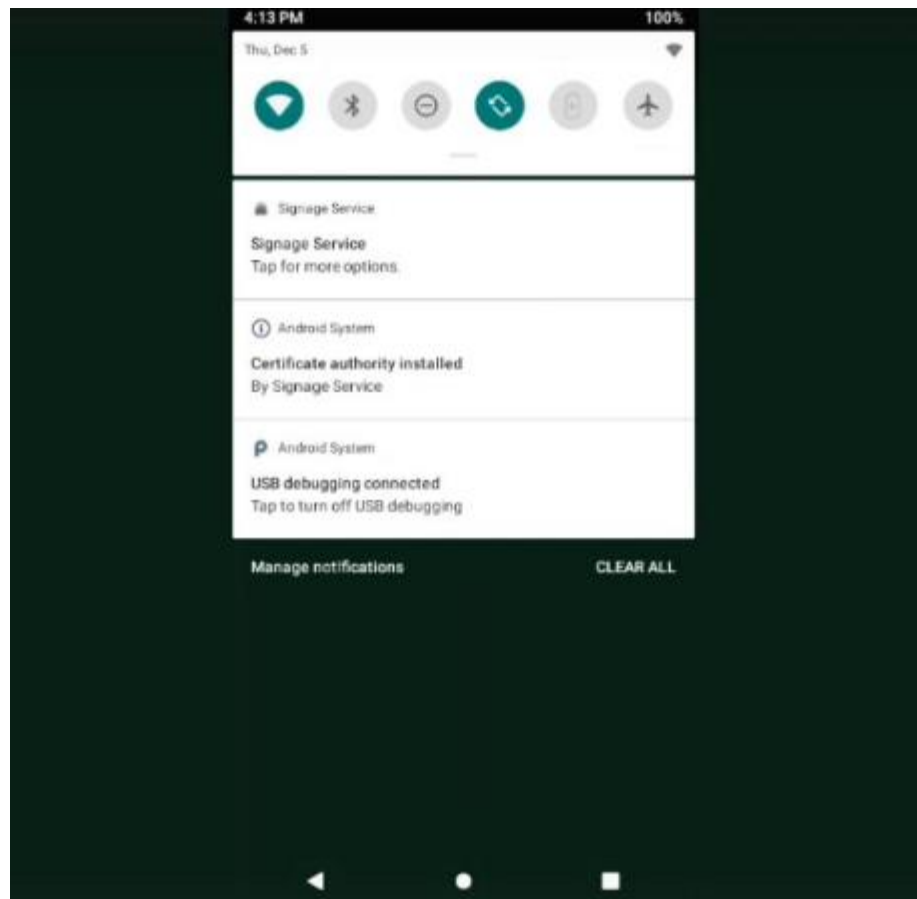
Please, follow IAdea screen's official installation documentation: How to launch the app by AppStart™ and exit the app properly?

Installation steps based on the above document:

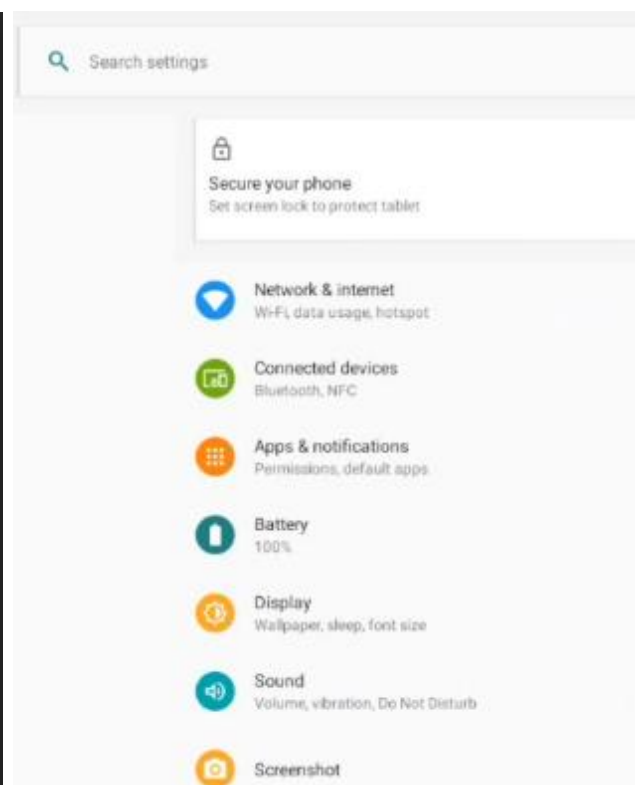
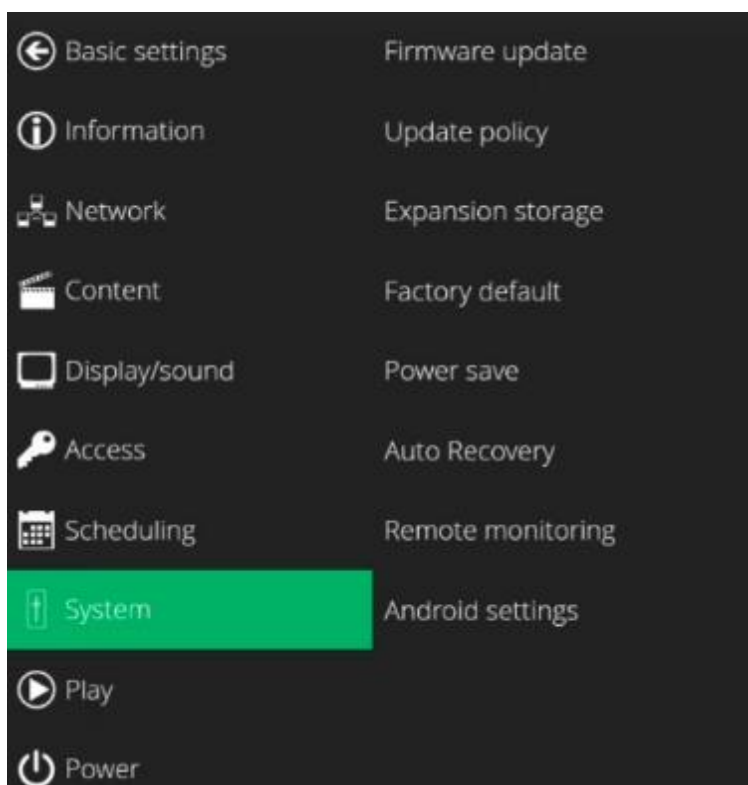
1. Download the Tiger APK from the Admin App and copy to a USB drive
2. Power up the device and wait until the “**Basic settings**” menu appears



3. Plug in the USB stick that contains the Tiger APK
4. Swipe from the top down in order to appear the system bar that allows access to the USB drive by using the File Manager

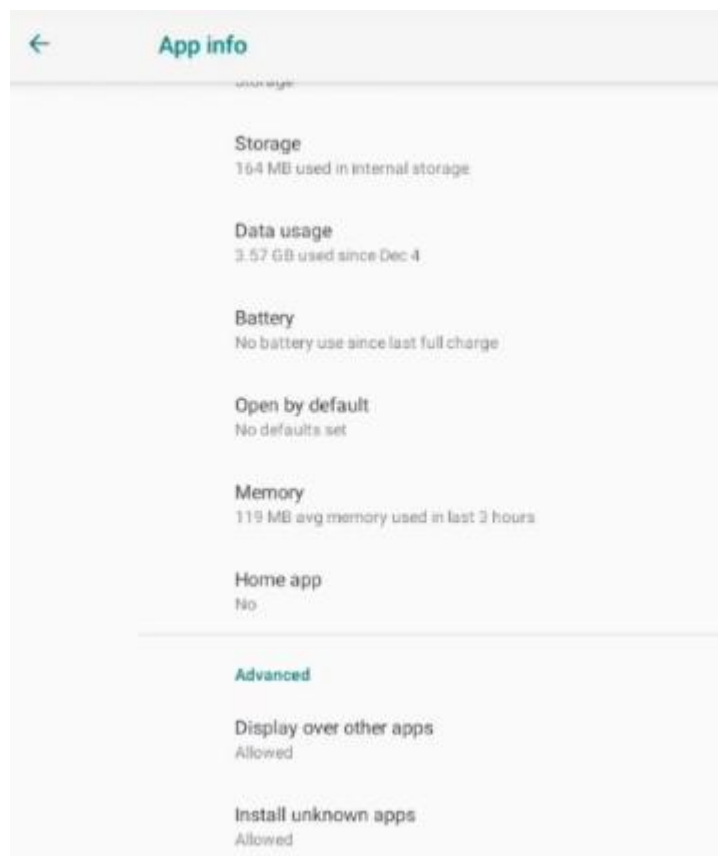


5. After installing the Tiger APK set up the necessary permissions in the **Advanced -> System -> Android settings -> Apps & notifications**



6. Navigate to the Tiger application and open the Advanced options.

IMPORTANT: Allow Storage access



7. IMPORTANT: make sure “Display over other apps” is allowed.

**NOTE:** on IAdea devices the **Home app** is not needed because the AppStart is used to start the application.

8. Configure AppStart setting of the IAdea device by navigating:

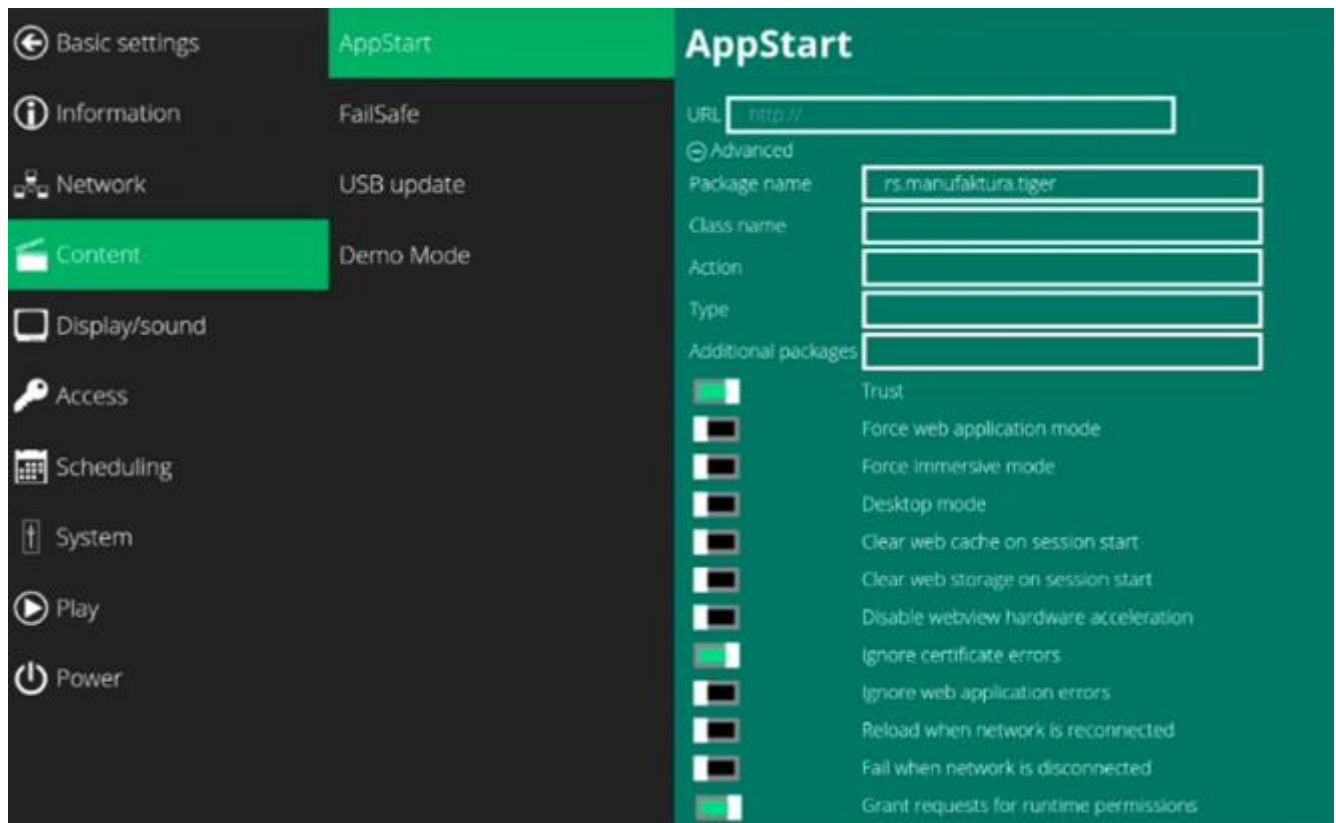
**Basic settings->Advanced->Content->AppStart**

Click on the "+" (plus sign) to open this section for assigning your custom apps.

The most important settings are the following:

- Package name: **rs.manufaktura.tiger**
- Trust: **yes**
- Ignore certificate errors: **yes** (optional - Tiger APK handles well its own and Tigermeeting certificates but no 3<sup>rd</sup> party certificates are allowed)
- Grant requests for runtime permissions: **yes**

**NOTE:** do not forget to save your AppStart settings by pressing the SET button



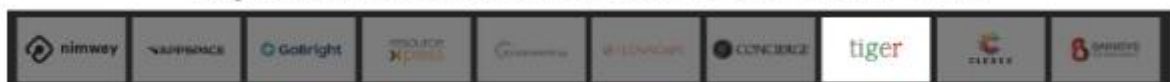
9. Press “Play” to start the Tiger application in IDea AppStart Player

**NOTE:** Many calendar management suppliers – Tigermeeting competitors -use IDea screens under white labels (like Meetio’s excellent MR-IE10 screens that is an IDea XDS-1078 at the bottom)

Tigermeeting is an excellent choice to reuse and give new life to these devices.

Tigermeeting has been officially certified by IDea as “Experience Certified Software”

### Experience Certified Software on Your Panel



Read more about at <https://www.iadea.com/meetio-ending/>

If the device does not run IAdea's original firmware, it needs to be "neutralized" – how IAdea calls the process - with an original IAdea firmware PKG.

The "neutralizer" firmware can be obtained either from IAdea's or from the Tigermeeting's customer support.

**USE ON YOUR OWN RISK.** Read the README file!

<https://drive.google.com/drive/u/0/folders/1f52REew-m9TL2AWWiQRqL2raQArmy-yo>

**IMPORTANT:** copy the obtained **pkg** file to the root of the directory structure on the USB device and plug in to the screen. Please, keep just one pkg file in the root directory of the USB device. The screen's system update procedure will try to use that file. Having several pkg files in the root directory can confuse the update process.

Depending on the screen's current firmware, enter to the "Android settings" and navigate to the:

**Settings -> About tablet -> System Update** or

**Settings -> About tablet -> System Update -> Manually install package from USB drive**

The compatible "neutralizer" firmware will be detected and will remove the earlier firmware - like Meetio's - and restore the original IAdea firmware.

**IMPORTANT:** do NOT switch off the device or remove the USB drive until the screen reboots to the Basic Settings menu.

At this stage, it is recommended to check if new firmware upgrade is available online from Basic Settings->Advanced->System->Firmware upgrade->Check latest firmware from internet.

The first Tigermeeting APK installation can be performed via a USB drive. Please follow the instructions above.

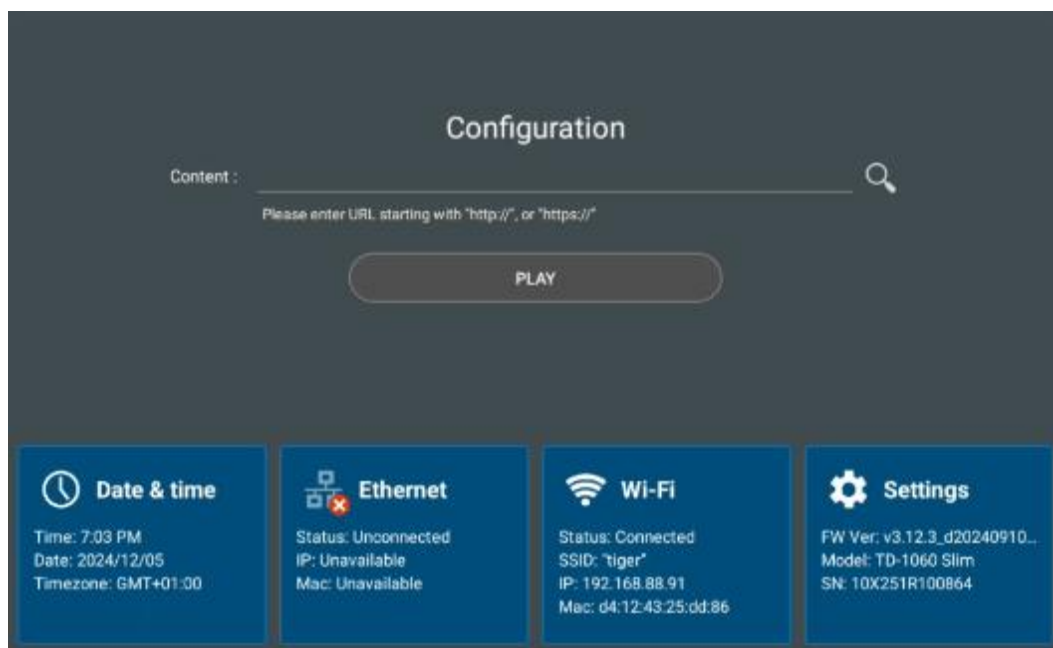
All other generic Android installation instructions apply.

# Installation of Qbic screens

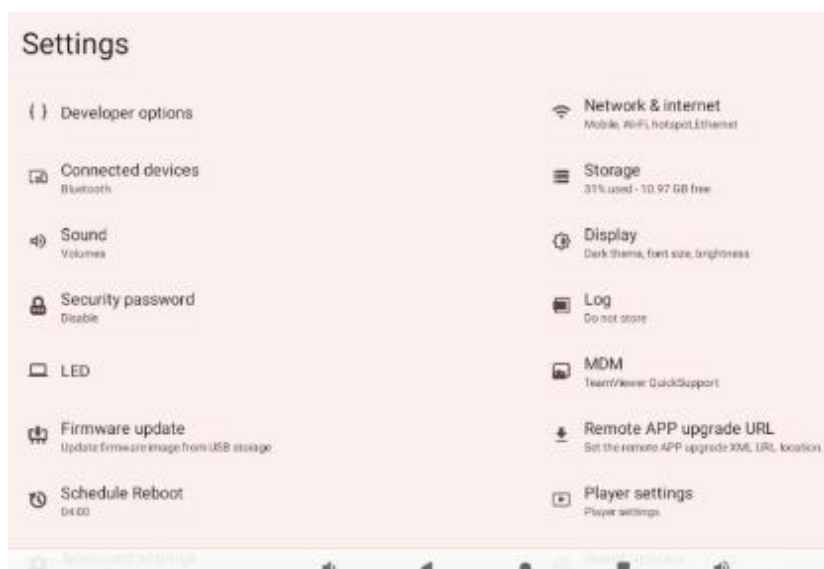
Tigermeeting support all Qbic Technology's ARM and Android based meeting room screens.

## Installation steps:

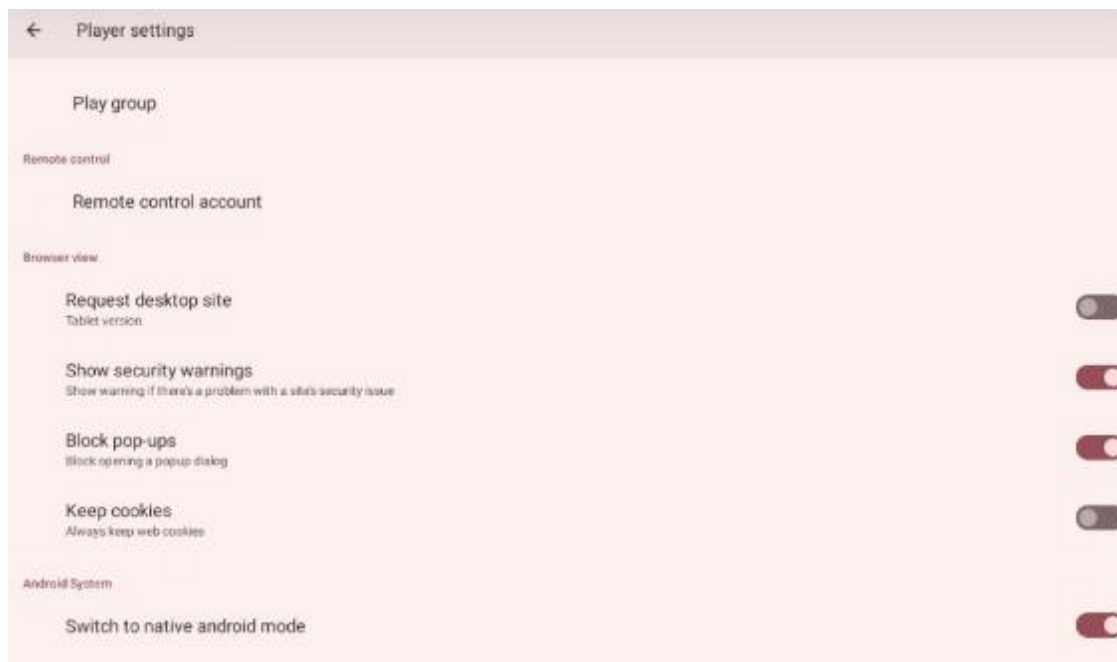
1. Download the Tiger APK from the Admin app
2. Copy to a USB pen drive
3. Configure the device's basic parameters, like time zone, network etc



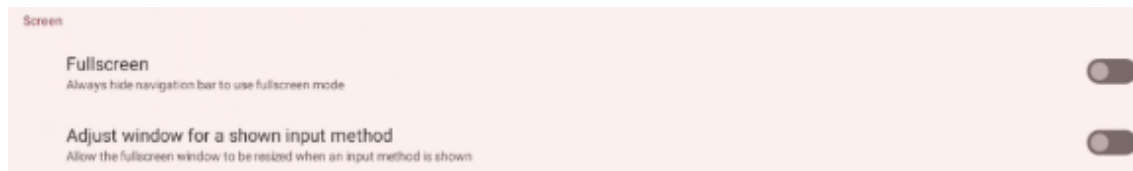
4. Navigate to **Settings->Player settings**



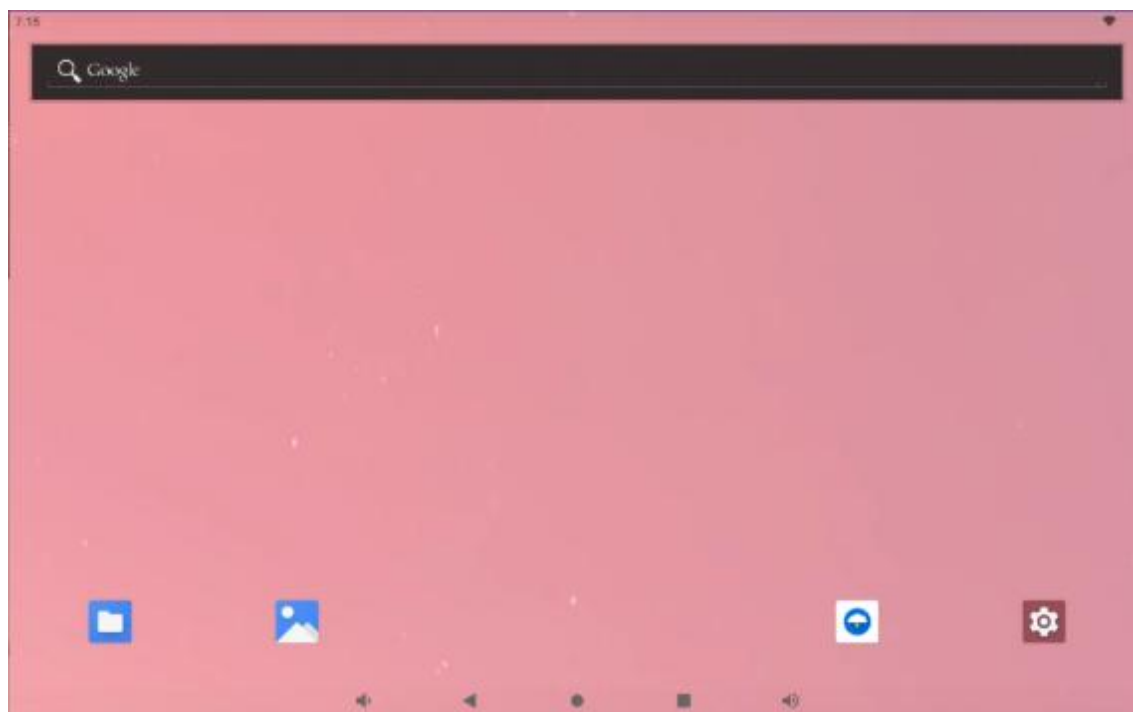
5. Under Android System - switch to “**native android mode**”



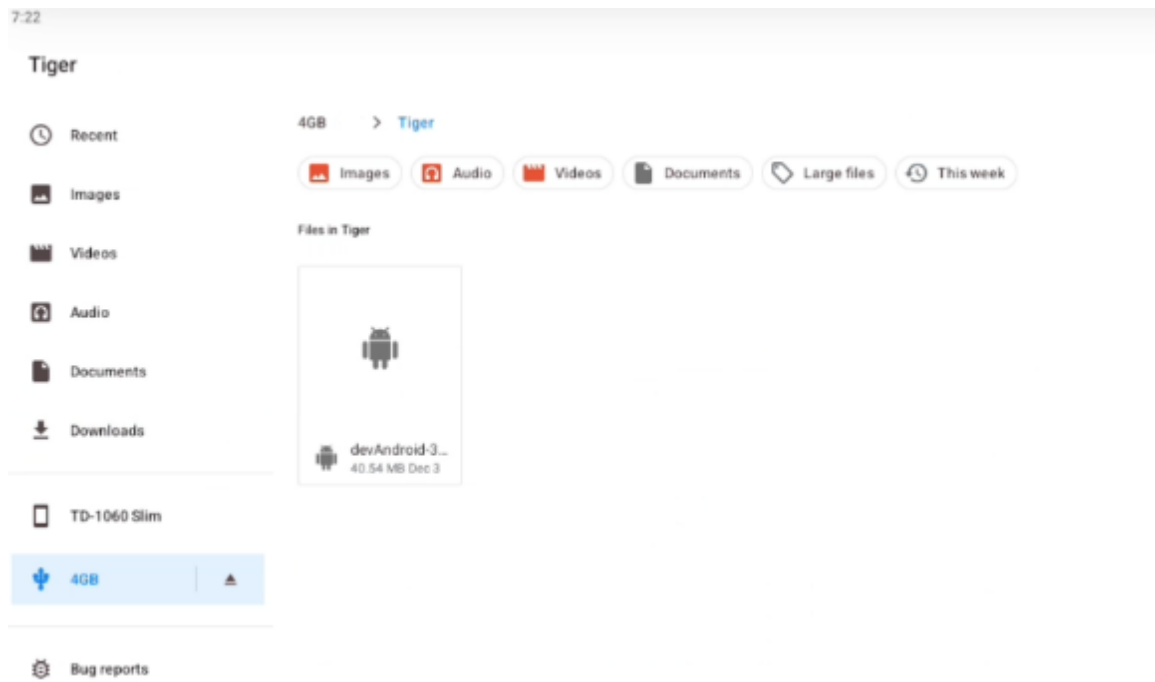
6. Do not bother for the following options – as Tigermeeting handles them within the application (see the **Maintenance mode** chapter in the Admin User manual)



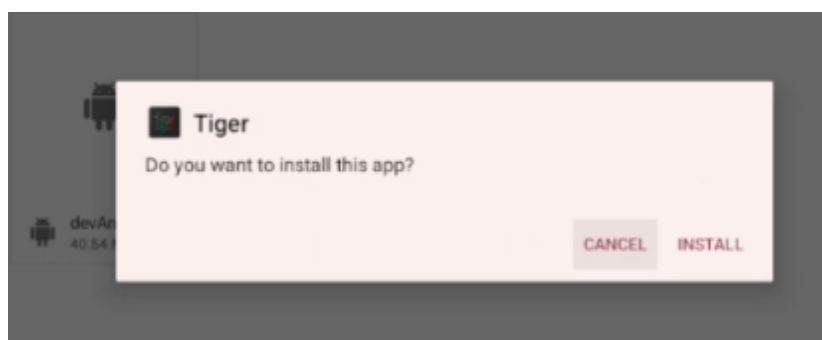
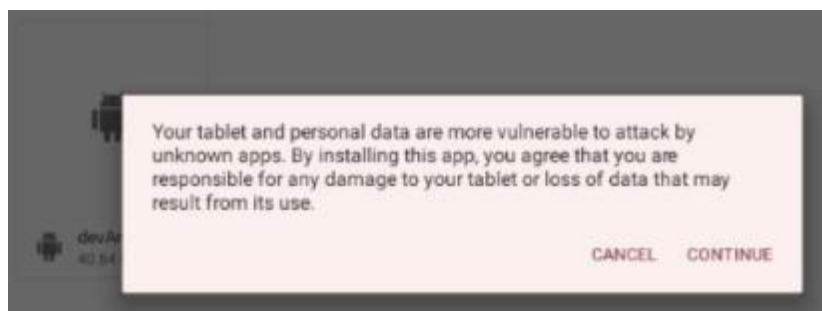
7. Exiting the Setup – the ordinary Android desktop will appear



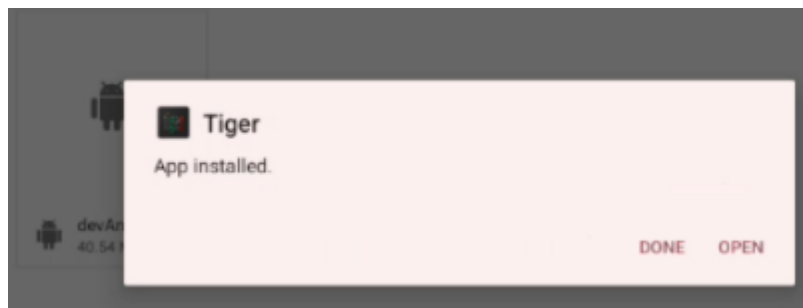
8. Plug in the USB pen drive and by using the File Manager, navigate to the folder where the Tiger APK is.



9. Start the installation by clicking on the APK.
10. Please, accept all security warnings and permission requests



11. Open the Tiger app after the installation

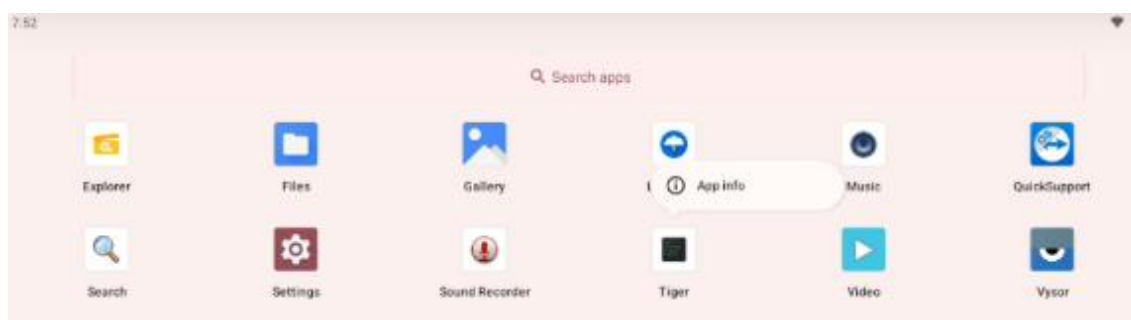


12. Allow the Tiger app to “Display over other apps”

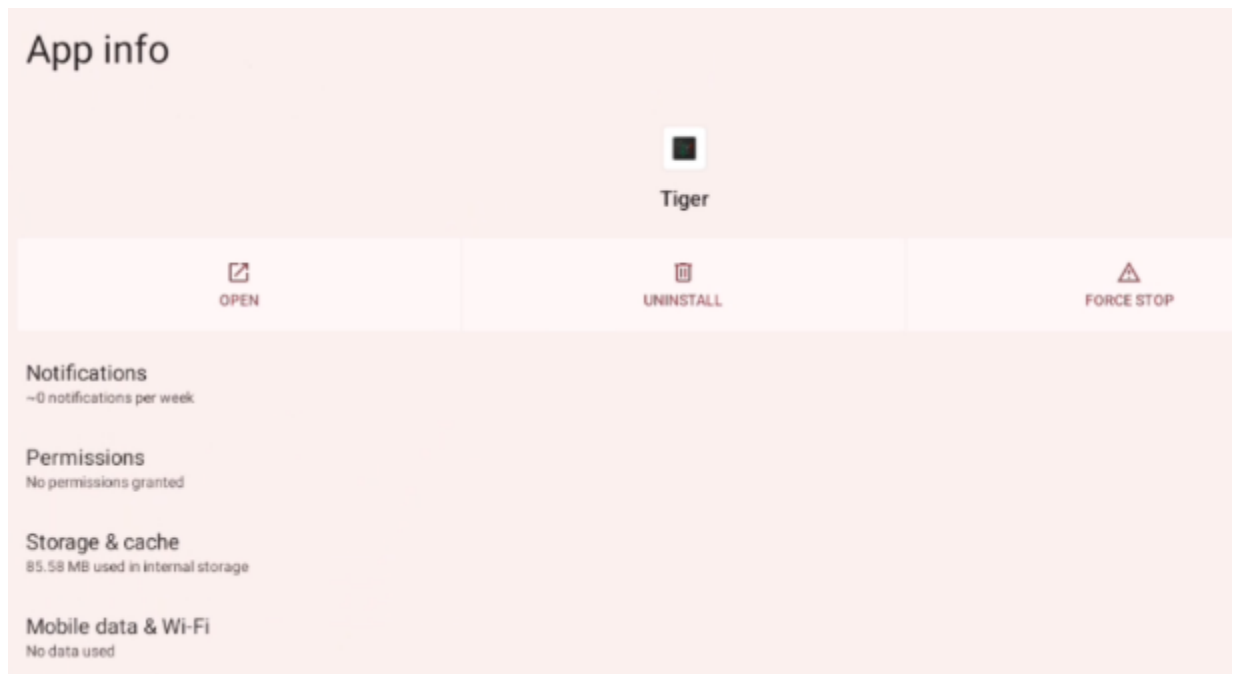


13. Restart the screen

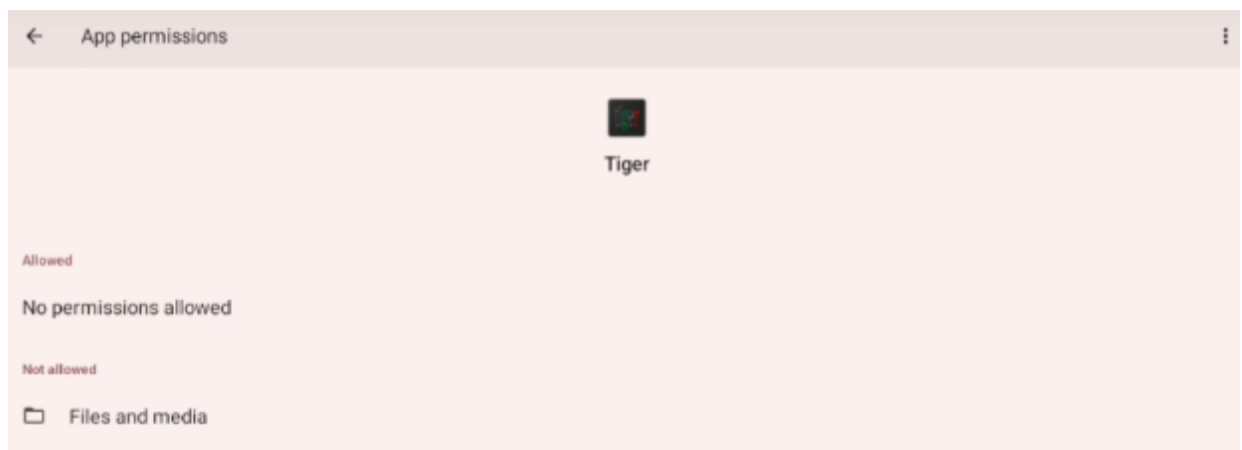
14. A slide from down to up will show the installed applications. Please locate the Tiger app and hold the icon for few seconds (a tap will start, a hold will allow edit the app parameters)



15. Tap the **App info**



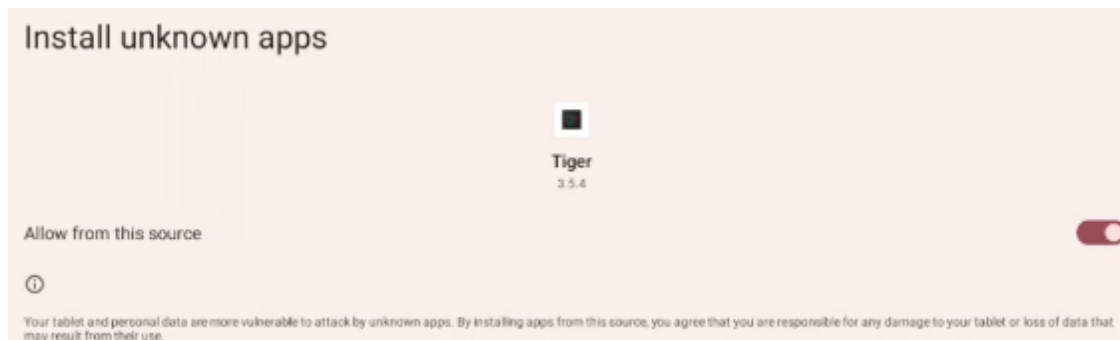
16. Tap **Permissions** and grant the needed permissions:



17. Allow access to files and media



18. Allow “Install unknown app”



19. Allow default **Home App** (**IMPORTANT to do this as a last step**)

20. After this change the Tiger app is about to start.

**NOTE:** A navigation bar will be hidden whenever the Tiger application is started. - in order to revert this behavior (and show the navigation bar) go to **Setup->Player settings -> Fullscreen (set to disable)** or if the device is discovered by the Admin app use the “maintenance mode” to disable the full screen and allow the system bar to appear.

# Installation of ProDVX screens

Tigermeeting Android Application has support for the ProDVX screens using the novel ProDVX API that allows to configure the LED bars in a very advanced way, same with reboot and other security features. Learn more at: <https://www.prodvx.com/>

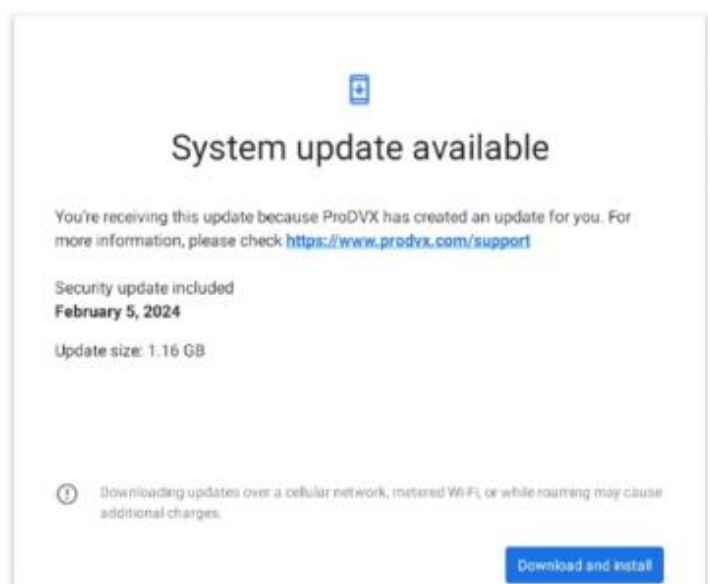
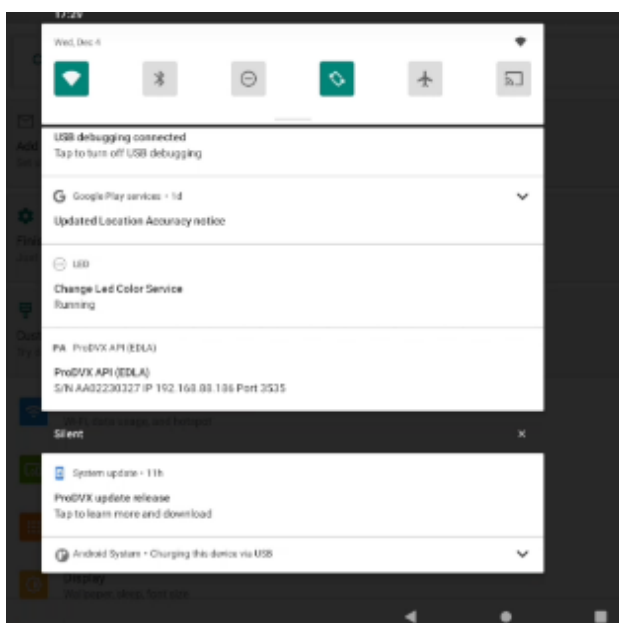
**NOTE:** Older ProDVX screens that do not have firmware that supports the ProDVX API, require the ProDVX-API-AOSP or the ProDVX-API-EDLA APKs.

Please, consult your ProDVX screen supplier or talk to the Tigermeeting support team who will be able to provide you with the required APKs.

**IMPORTANT:** Tigermeeting supports the default deviceKey = ProDVXapi. If the devices' deviceKey is set differently, please change the key in the Admin Application otherwise the API, the LED lights, reboot and the other vendor specific APIs will not work.

It is possible to reset the deviceKey or reinstall the APKs providing the ProDVX API when the default token is desired.

Most of ProDVX devices support Google Play – but by installing via the USB pen drive all other generic Android installation instructions apply.

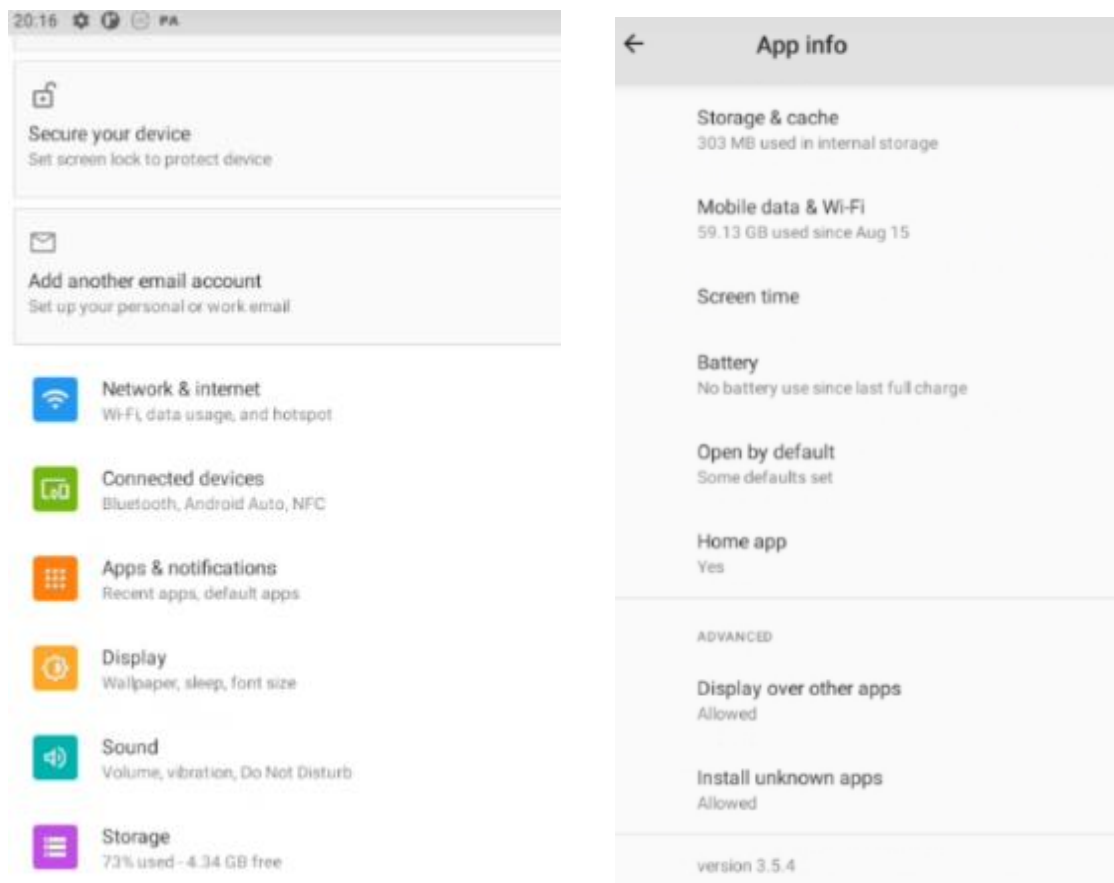


Tiger app upgrades are managed via Tigermeeting Admin while the firmware

upgrades are pushed out by ProDVX.

Make sure the Tiger app installed either via Google play or the USB drive have the required permissions

Navigate to Setup -> Apps and notifications



**NOTE:** Once the Tiger app is installed and running – system access to the device is disabled.

The system bar is reachable from the Tigermeeting **Admin App** ->**Network->device** -> **maintenance mode** (read the Admin User manual).

**NOTE:** After the installation Tigermeeting will attempt to use the factory default ProDVX API token.

In case the LED lights do not work out of the box – please configure the ProDVX API key. This can be changed from the Admin App for each device or the whole infrastructure.

# Installation of ProDVX PuKK Workspace

Tigermeeting ecosystem has support for the ProDVX PuKK devices.

It is possible to assign one or more PuKK devices – as IoT accessories to any Tigermeeting booking screen device.

ProDVX PuKK device will provide:

- Remote LED lights
- Visual status changes (free, occupied) and fire alarm
- NFC authentication
- Remote door opening with or without NFC authentication

## Configuration

The PuKK requires configuration via NFC. To apply for a configuration, a NFC card with the configuration JSON file must be held on the PUKK.

To obtain an NFC configuration card you require the following:

- The configurator
- A device that can write NFC cards (with a third-party application)
- An NFC writable card with at least 200 bytes of storage (depending on your configuration, NTAG215 or NTAG216 will be plenty)

### PuKK Configurator

The configurator creates the JSON Configuration exactly the way the PuKK expects it.

The configurator can be found at [https://prodvx.github.io/PuKK\\_Configurator/](https://prodvx.github.io/PuKK_Configurator/)

Example:

```
{
  "wifi_ssid": "corporate_wifi",
  "wifi_pass": "corporate_wifi_password",
  "wifi_hidden": false,
  "cms_server_address": "http://ip-address-of-the tiger-device:6026/pukk",
  "do_ota": true,
  "poll_interval_ms": 5000
}
```

Create your configuration according to your network and cms environment and copy the

contents or download the JSON to the device that can write NFC.

**IMPORTANT:** The **cms\_server\_address** needs to point to the booking screen device running the Tiger application. The URL needs to be **http://ip-address:6026/pukk** Where the ip-address is the IP address of the device as seen in the Admin app. This will bundle this PuKK device into the chosen booking-screen device in both ways.

In the most common cases, every PuKK device will have a different configuration pointing to its own booking screen device.

## Writing the configuration to NFC

Use any method of writing NFC to write the JSON configuration as Plain Text or JSON to the NFC card.

Example of using NFC Tools application.

### Android:

1. Download NFC Tools

<https://play.google.com/store/apps/details?id=com.wakdev.wdnfc>



2. Copy the contents of the PuKK Configuration.
3. Go to “Write” > “Add a Record” > “Text”.
4. Paste the contents of the Configuration > Press “OK”.
5. Press “Write” (“Write /xxx bytes”).

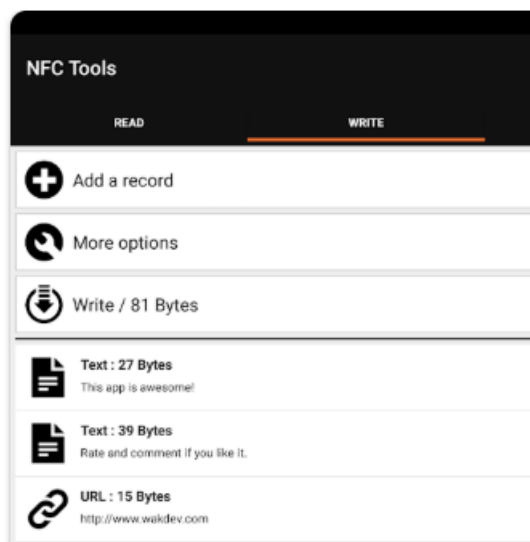
### Apple / iPhone:

1. Download NFC Tools <https://apps.apple.com/us/app/nfc-tools/id1252962749>



2. Copy the contents of the PuKK Configuration.
3. Go to “Write” > “Add a Record” > “Text”.

4. Paste the contents of the Configuration > Press the checkmark to confirm.
5. Press “Write” (“Write /xxx bytes”).



## Passing the configuration to the PuKK Workspace

### From the box / Factory default

1. Connect the PuKK Workspace with a USB-C cable.
2. Ensure that the lights are on.
3. Place the NFC card on top of the PuKK device.
4. The LEDs will circle Blue while the NFC card is being read.
5. The PuKK will reboot and show a full green circle if configured correctly.

### From an existing configuration

It is possible to reconfigure the PuKK device without a factory reset.

This is done the same way as before. Hold the programmed NFC card on the device but the reconfiguration only works for the first 10 seconds after the PuKK has booted.

So, power cycle the PuKK device and immediately hold the programmed NFC card on top of the device.

## PuKK FAQ:

**Q:** Can I connect more than one PuKK device to a booking screen?

**A:** Yes. There is no limit on connecting PuKK devices to a booking screen. However – as the booking screen manages the PuKK LED lights, all the connected devices will show the same LED color (or pattern).

**Q:** Can the booking screen open the door and authenticate the user from any device

independently – if there are more than one?

**A:** Yes – as every connected PuKK device will send their own events to the configured booking screen (the `cms_server_address` respective in the configuration file)

**Q:** Can attach the already configured PuKK device to another booking-screen?

**A:** Yes. Create a new configuration where the `cms_server_address` points to the another booking screen device and pass the new configuration to the PuKK device.

**Q:** Can I use some other arbitrary URL for `cms_server_address`?

**A:** The `cms_server_address` specifies the URL of the management server that consumes the PuKK device events and provides the configuration when the PuKK devices poll for configuration changes. Devices running Tigermeeting application are ready to serve the PuKK devices at **`http://ip-address:6026/pukk`** URL. No other URL will work with Tiger, however there are 3<sup>rd</sup> party services that can be freely combined within this ecosystem.

## Installation of Aurora Multimedia screens

Tigermeeting Android application supports Aurora Multimedia screens. Learn more about Aurora screens at <https://auroramultimedia.com/>

Devices come with the default Kiosk mode on.

The devices typically do not have support for any app store like Google Play etc.

In order to install the Tigermeeting Android APP, please download it from the Admin App.

Turn off and disable Kiosk mode:

1. Login to **`http://ip-address/setup`** as admin user (please check the device manual for more information)

The ip-address is the devices IP address (like 192.168.10.38)

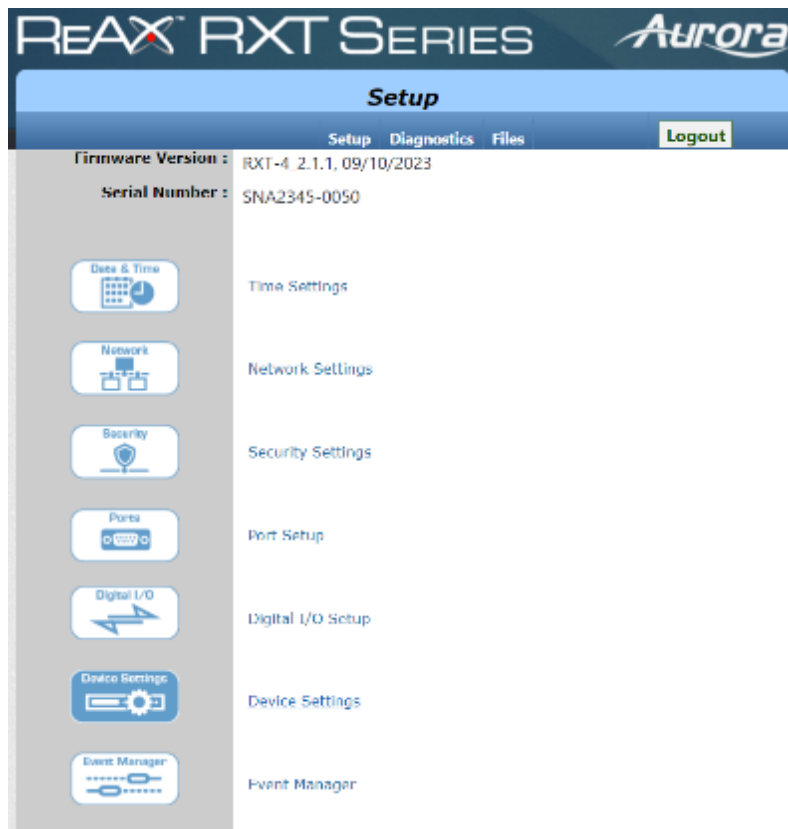
Assuming the username and password has not yet been changed, the username is 'admin', and the password will be the last 8 digits of the unit serial number which can be found on a serial number sticker affixed to the device.



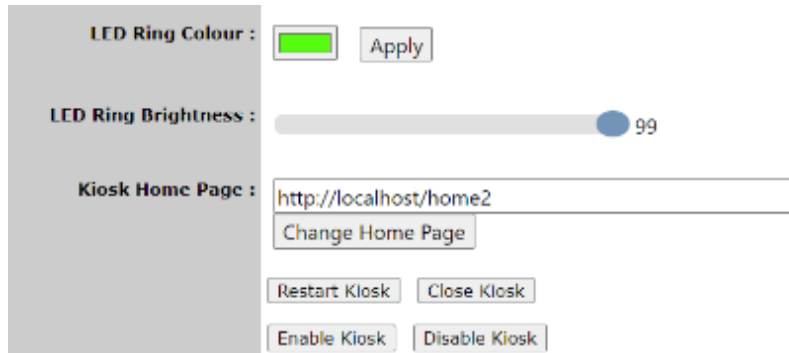
2. Navigate to Setup



3. Enter to Device Settings



4. Navigate to the bottom of the page and click on “Close Kiosk” and “Disable Kiosk”



5. By closing the Kiosk a standard Android screen is exposed, where using the “File manager” it is possible to navigate to an USB device that contains the Tigermeeting APK (or swiping down from the top the plugged in USB device will appear)
6. Choose “Portable storage” in case a question appears “How do you want to use this USB device?”

All other generic Android installation notes apply.

Go to the Setup menu -> Applications & notifications -> Tiger

...and configure all needed permissions, like: storage access, install from other sources etc.

Please, refer to the device specific, screen vendor documentation – as these settings can be done via the telnet access to the device or on the screen directly.

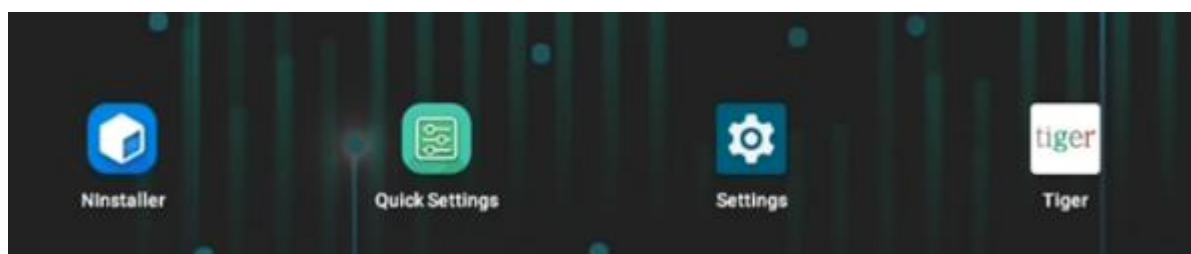
## Installation of Newland AIDC screens

Tigermeeting, with tight partnership with Newland AIDC has full support for the Newland Android screen product line with full NFC and scanning capabilities.

The Android and Tigermeeting APK installations are straight forward – follow the generic installation steps.

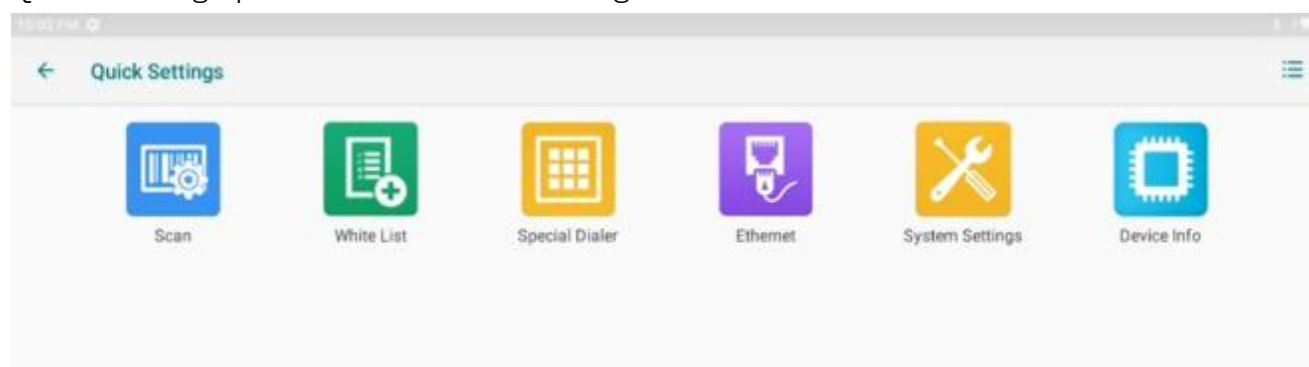
Newland AIDC screens are famous for their scanners and 1D/2D scanning capabilities, therefore it is most probable that these features are desired to be configured.

After the initial installation, the following programs will be crucial in order to configure the scanner.



Newland's NInstaller, Newland's Quick Settings and the Android system settings

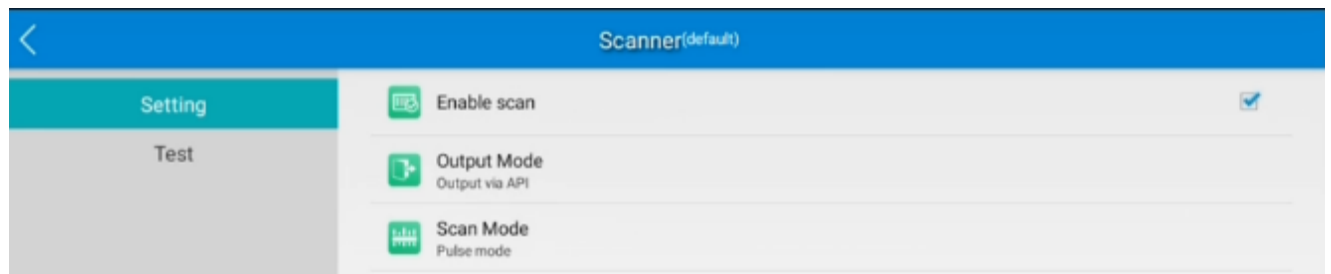
Quick Settings provides the easiest configuration.



Choose: System Settings to configure the Status and system bar behaviour.

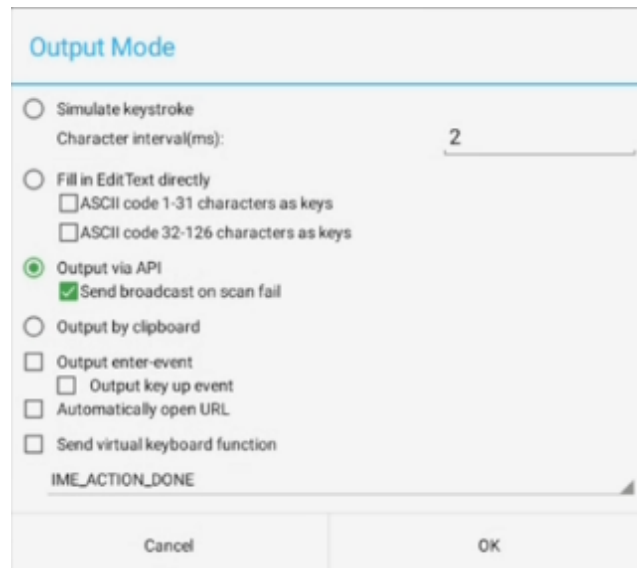
Choose: Scan – to set up the needed scanner parameters and characteristics

The most important are the following:

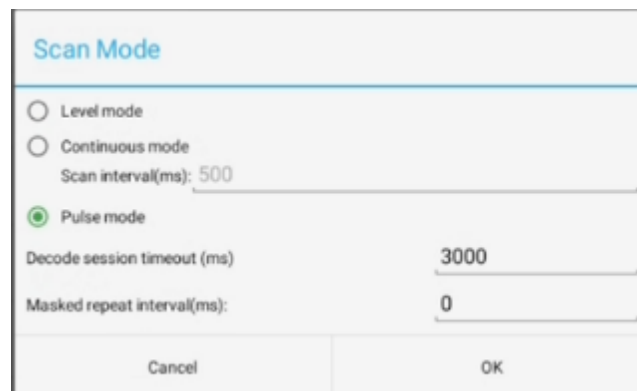


Enable scan: **Checked**

Output mode: **Output via API**



Scan Mode: **Pulse mode**

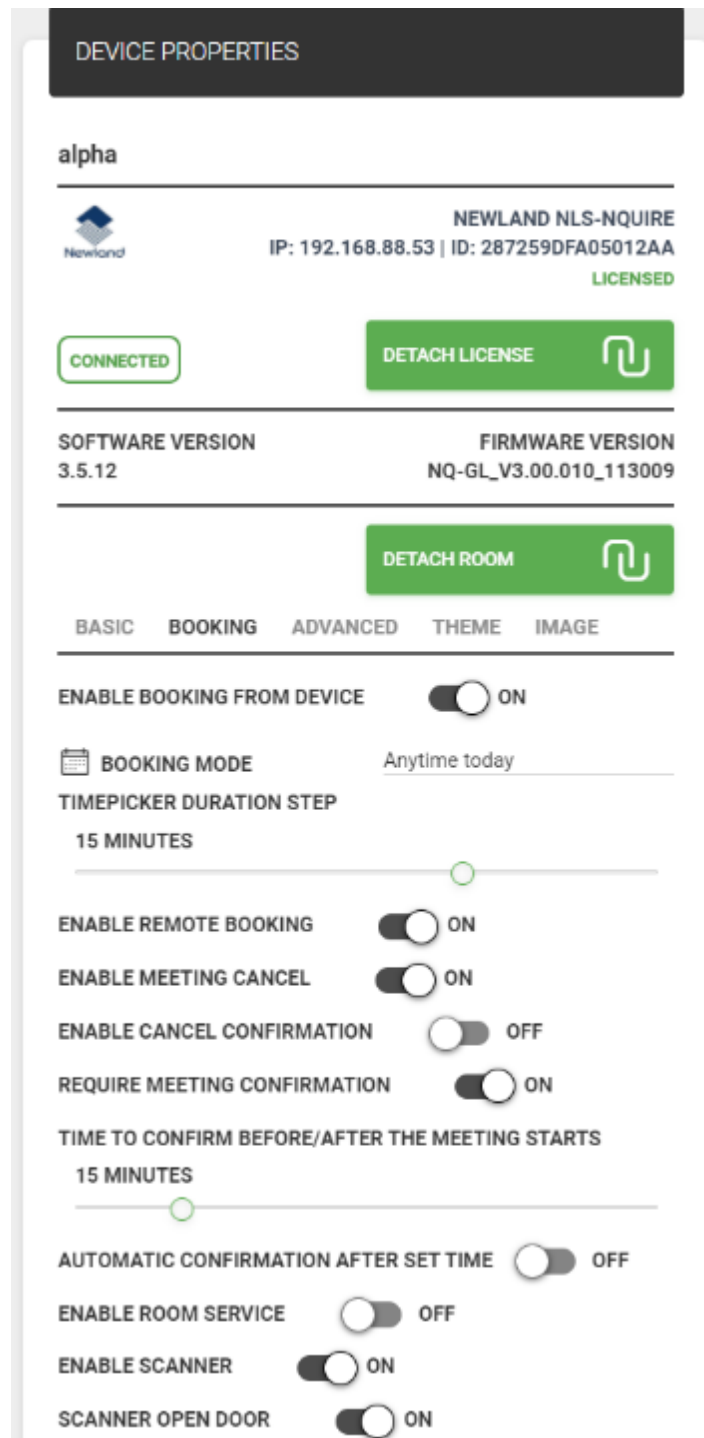


After starting the Tiger application, the Tigermeeting Admin app will discover the device, and the screen will appear in the network list.



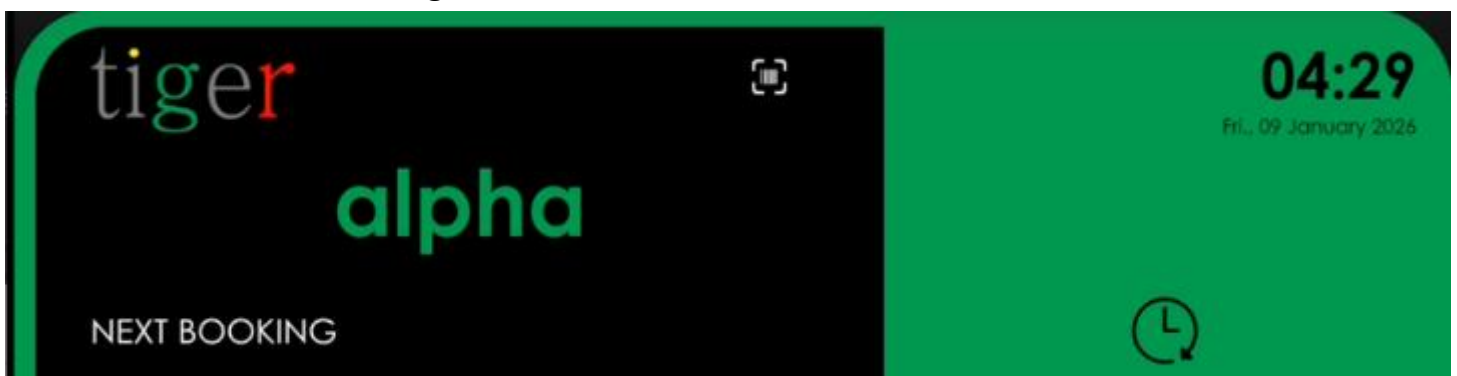
Unlike the NFC/RFID functionality the scanner functionality explicitly needs to be enabled for the devices to be operational.

This is easily done by editing the device property: **ENABLE SCANNER**



Once the new properties are saved and synchronized with the devices, on the screen will appear a “scanner” sign.

Please note, on different screen themes, the scanner sign may appear on different places to fit into the theme design.



To scan, by touching the “scanner” sign on the screen, the device will power on the scanner and process the scanned code.

The scanner via API controls respects the other settings – therefore it can be configured for automatic scanning without an explicit trigger too.

## Installation of ALLNET screens

Tigermeeting supports ALLNET meeting room tablet series

<https://www.allnet.de/en/allnet-brand/produkte/displaysdigital-signage/meetingroom-tablets/>

The Tiger application has been especially tested on the popular ALLNET Design LED Tablet Zoll series with different screen sizes.

NOTE: According to the screen manufacturer, the LED bars need a special driver APK in order to function.

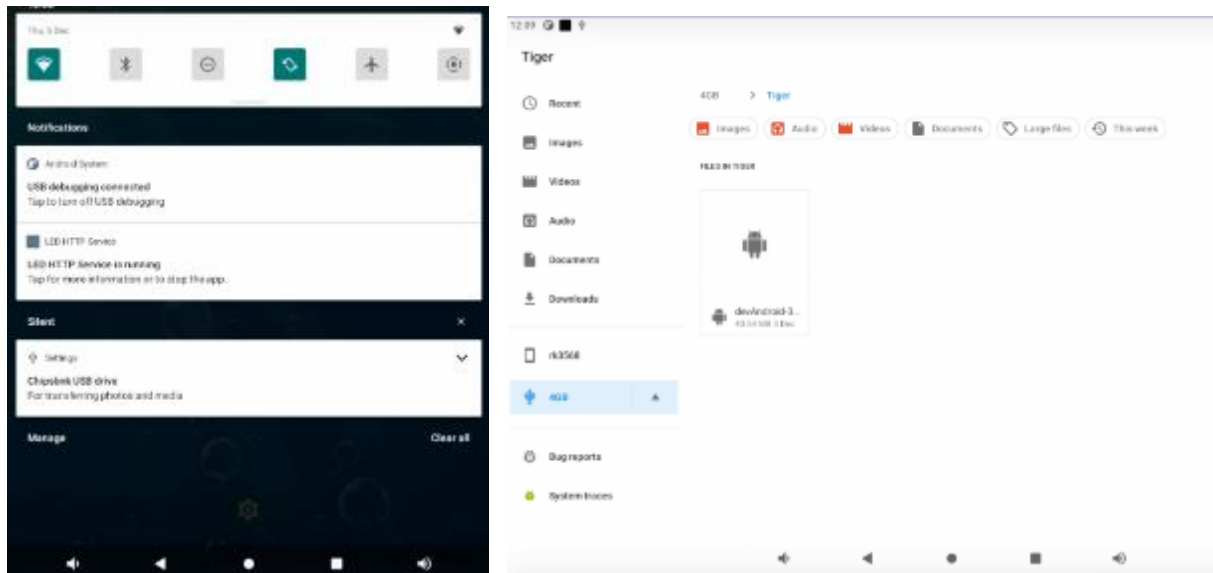
Obtain the driver from ALLNET download site (described in the ALLNET product manual that is delivered with the product).

[https://drive.google.com/file/d/1\\_X-mCHTWPdtIE68fNfob-7ETDvkdrKi/](https://drive.google.com/file/d/1_X-mCHTWPdtIE68fNfob-7ETDvkdrKi/)

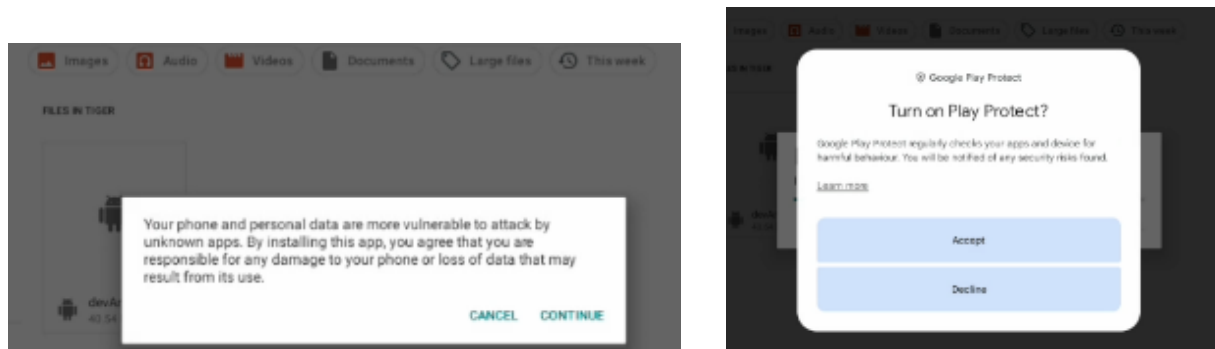
NOTE: Tigermeeting supports direct communication with the LED controller chipset, therefore, it provides a full range RGB color spectrum – that is superior to Allnet HTTP APK. If the Allnet HTTP APK is not installed – this is the default fallback.

### **Install steps:**

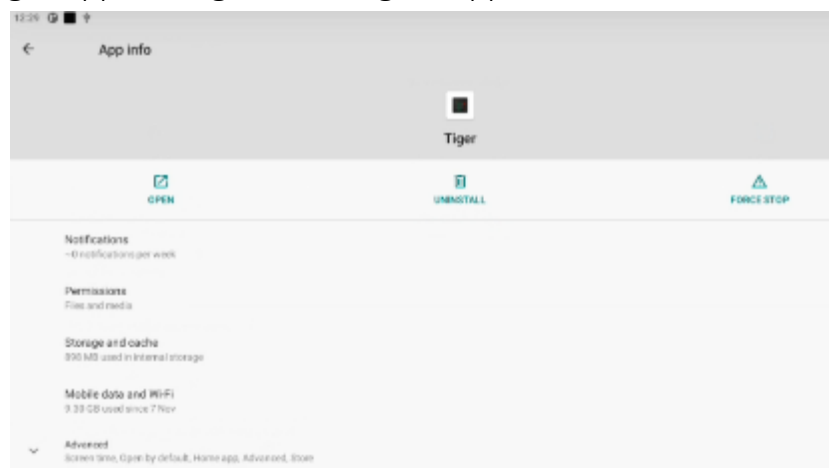
1. Download the Tiger APK from the Admin App (for Android version 5+)
2. Copy to a USB pen drive and insert in the ALLNET screen
3. Start the file manager – or just swipe down from the top of the screen to access the USB device content
4. Navigate to the folder that contains the Tiger APK
5. Install the Tiger APK



6. Please approve and accept all security-related questions:

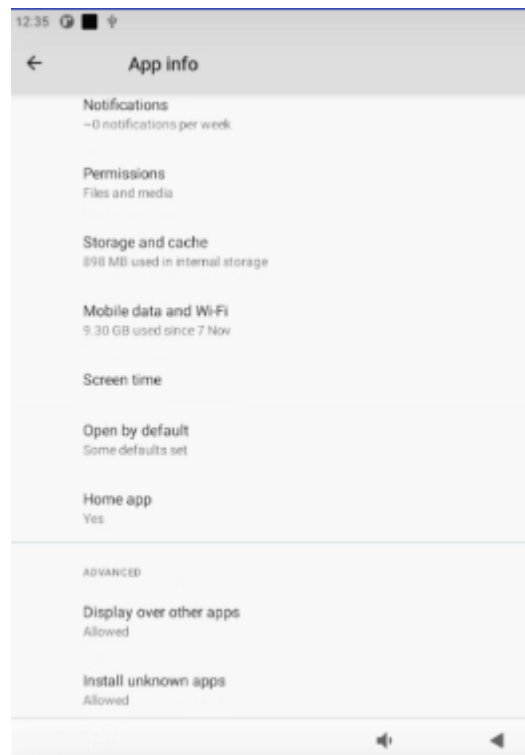


7. Adjust the Tiger app settings in Settings->Apps and notifications



8. Open “Advanced settings” and make sure the following settings are set:

- Open by default
- Home app: **Yes**
- Install unknown apps: **Allowed**



9. Verify that the other system settings are correct – like the time-zone etc.
10. Reboot the screen to verify if Tiger App starts and functions as it should.

## Installation of MIMO screens

Tigermeeting supports MIMO screens with built in SysFS and pluggable USB LED lights.

Mimo screens' LED lights can be managed either via the web service API or directly using the SDK.

NOTE: According to the screen manufacturer, the LED bars need a special APK (web service) in order to function.

Obtain the driver from Mimo download site (described in the Mimo product manual that is delivered with the product).

[https://drive.google.com/file/d/1JwdHq4zYh\\_0pVoQVbl8mBpirt02uPT0x/](https://drive.google.com/file/d/1JwdHq4zYh_0pVoQVbl8mBpirt02uPT0x/)

NOTE: Tigermeeting supports also direct communication with the LED controller chipset via SDK, therefore, it provides a full range RGB color spectrum.

If the Mimo HTTP based web service APK is not installed – this is the default fallback.

# Installation of Elo Touch screens

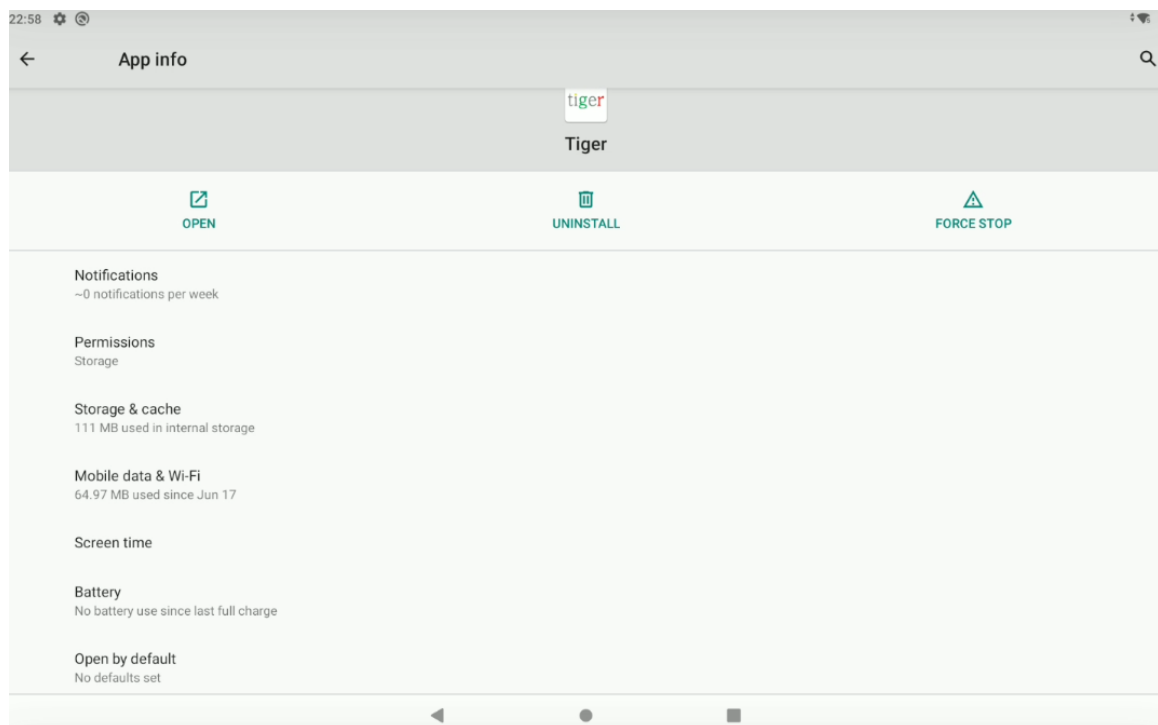
Tigermeeting Android Application has support for the EloTouch screens using the Elo Peripheral SDK that allows to configure the LED bars and other accessories from the Elo Edge Connect series.

The Tiger APK installation is a standard Android installation either from an app store – like Google Play, or via direct download or USB stick.

## Standard settings

Please make sure the required permissions are granted in the Setup->Applications->Tiger:

- Storage access
- Display over other apps
- Install unknown apps



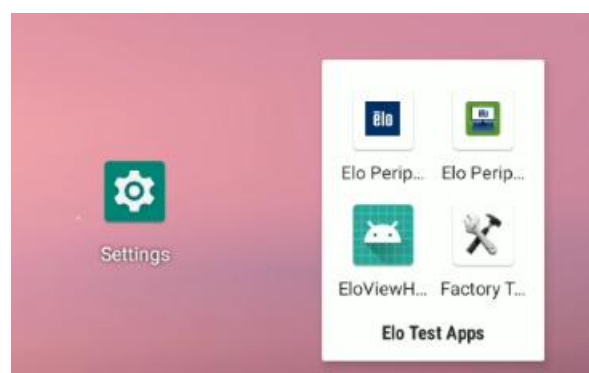
## Elo specific settings

Settings->Elo Settings -> USB port settings – please make sure the desired port that has an accessory attached is enabled (green). If the USB port is locked, the device will not function.



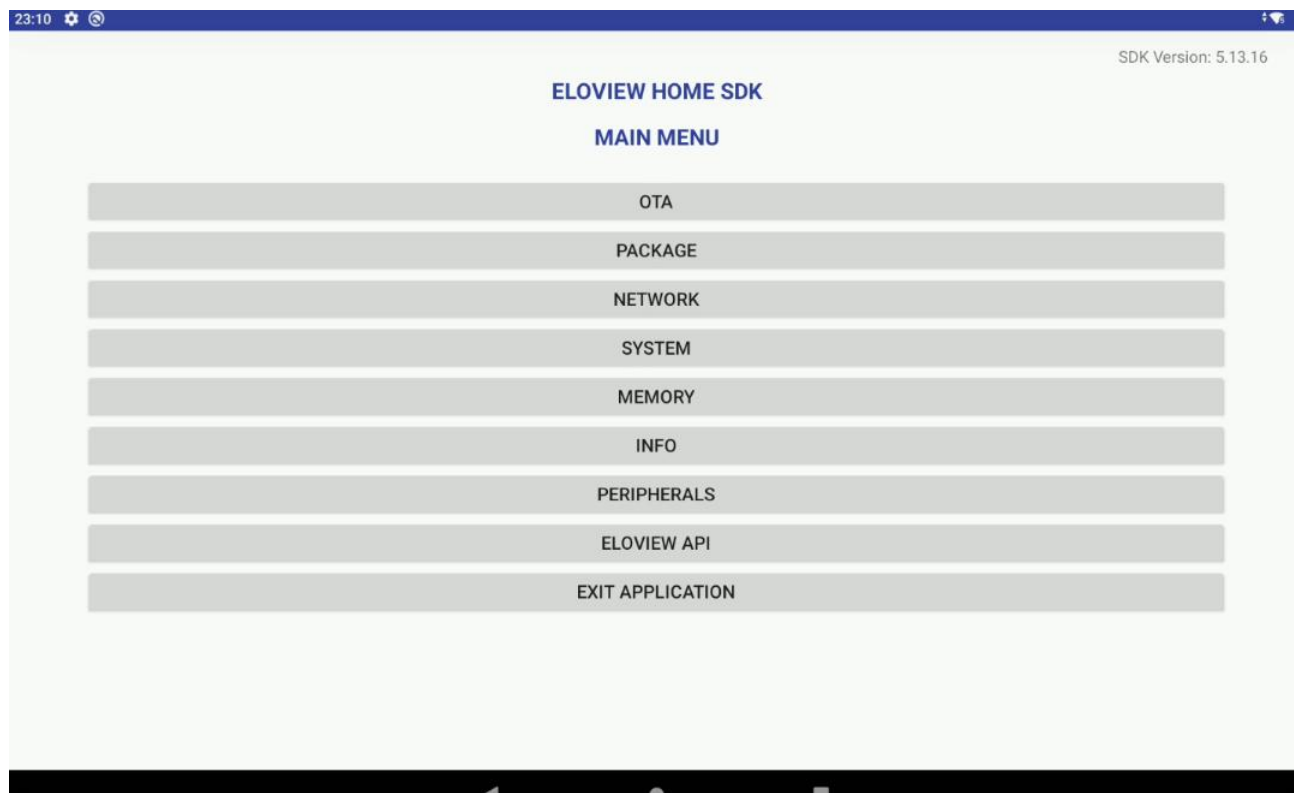
NOTE: Elo has many different versions of Edge Connect accessories - Tiger supports the latest models, like the most commonly used LED status lights model number: E644767. If the gen-1 model E466847 is needed, please contact the Tigermeeting support.

Start the EloView Home application to configure other important settings



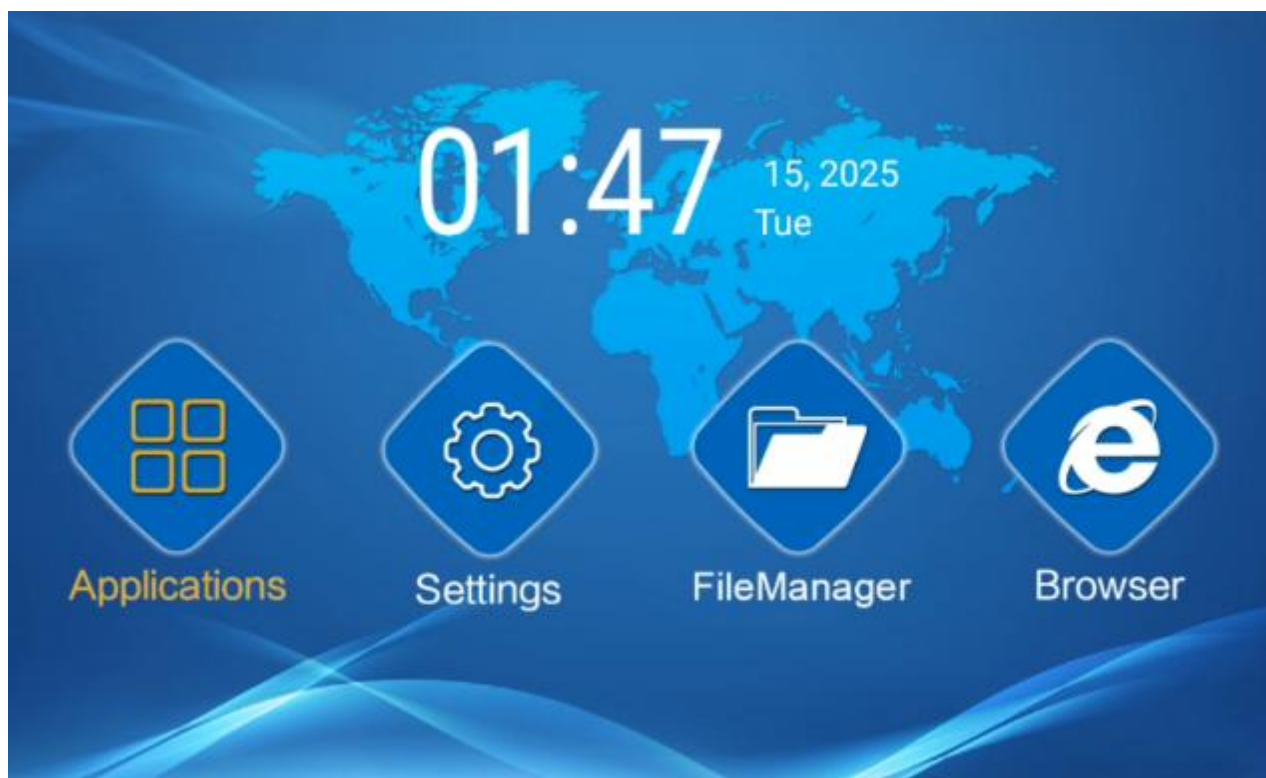
EloView Home application requires a management token to perform low level configuration via the EloView Home SDK.

Please, refer to the Elo Touch user manuals.



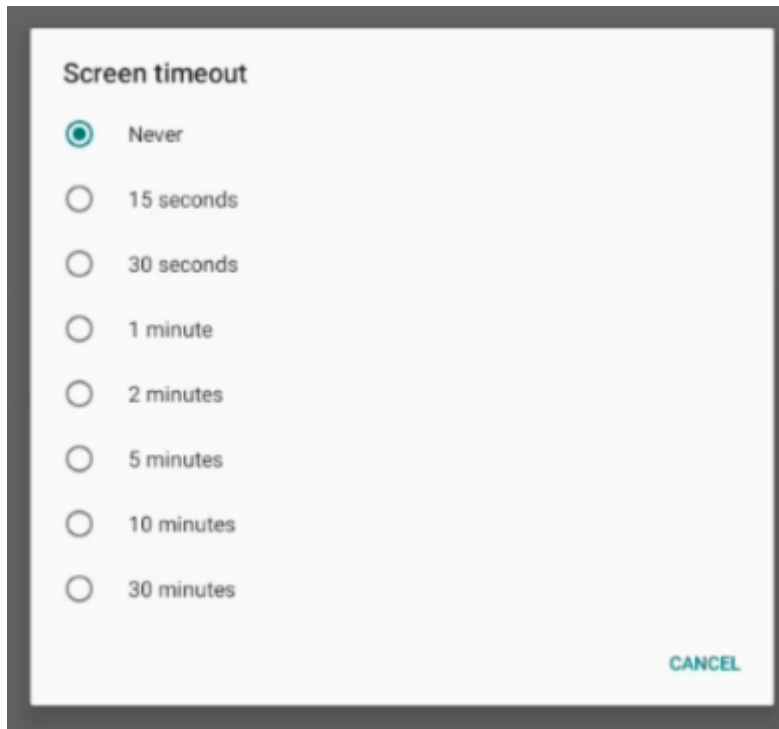
## Installation of TouchWo screens

TouchWo produce excellent screens of very high quality and have rather unique firmware:

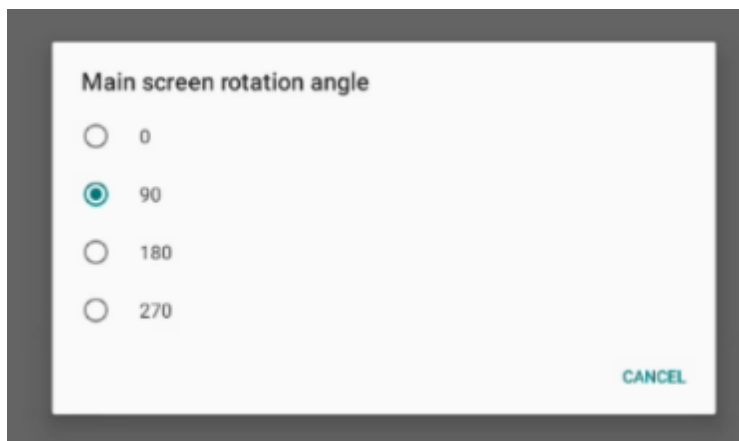


In Settings do the following:

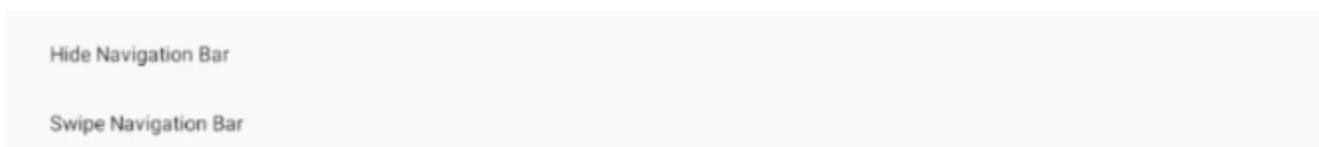
1. Network and Internet: configure the network
2. Display: Screen Timeout -> Never



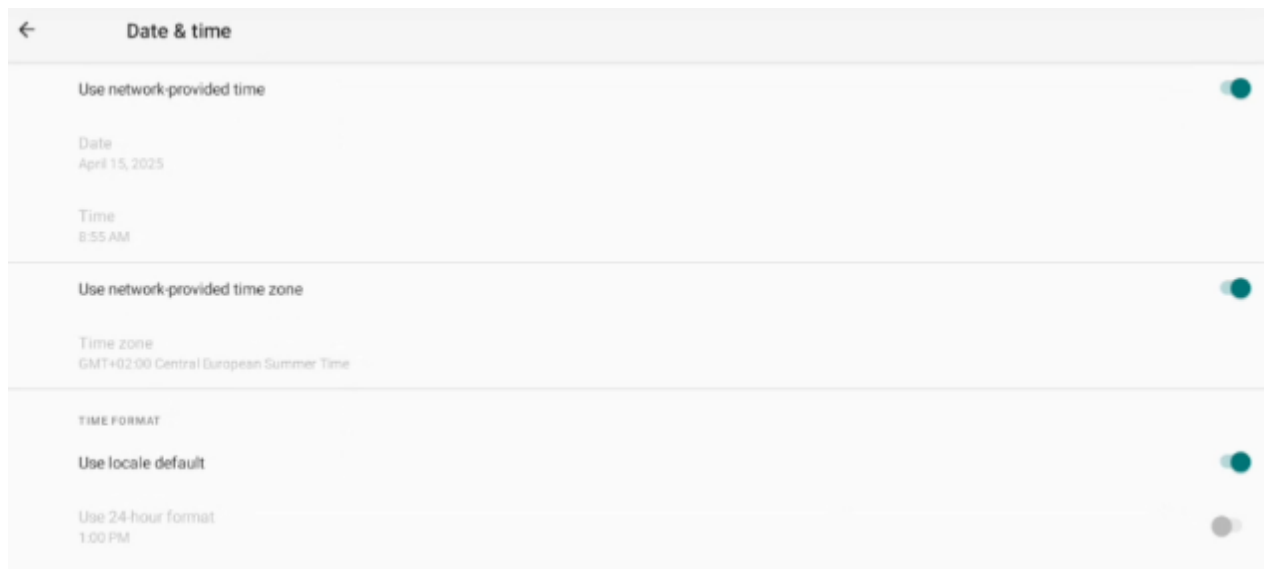
3. Display: Main Screen Rotation Angle -> 90



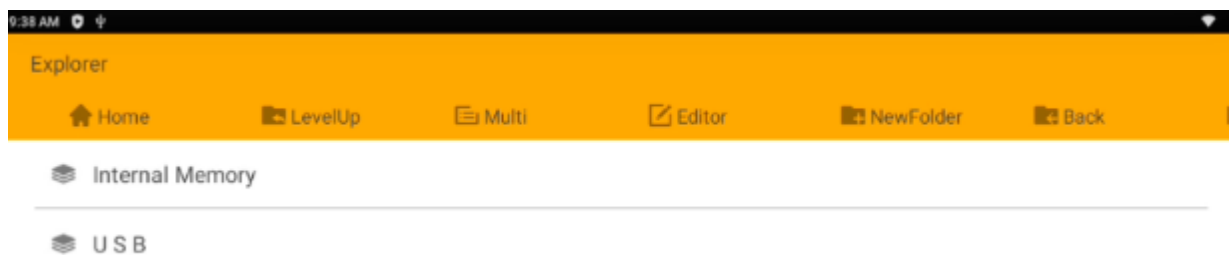
4. Display: Disable navigation bars:



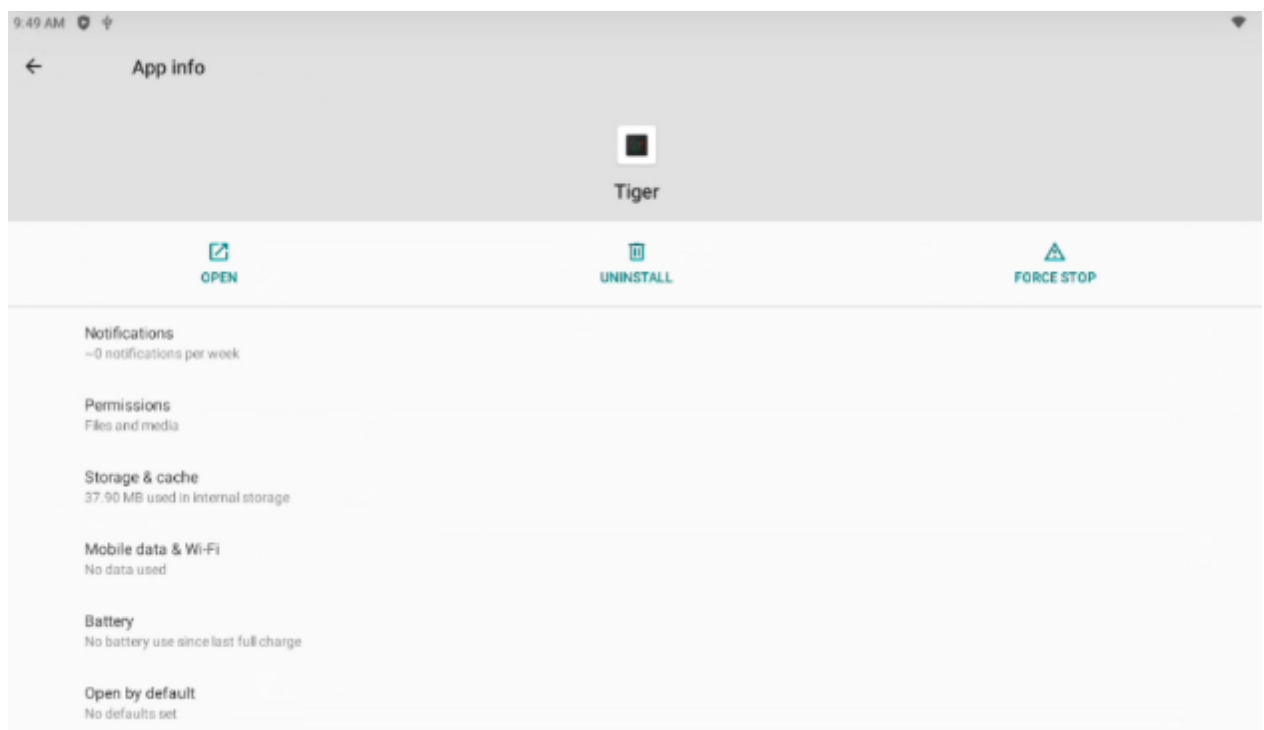
5. System: Set the correct time zone



6. Install the Tiger APK via the USB drive by exiting the Setup and starting the File manager (see the first image)
7. Chose the USB drive and find the Tiger application:



8. Please verify the installed Tiger APK settings in the Settings-> Apps & Notifications section



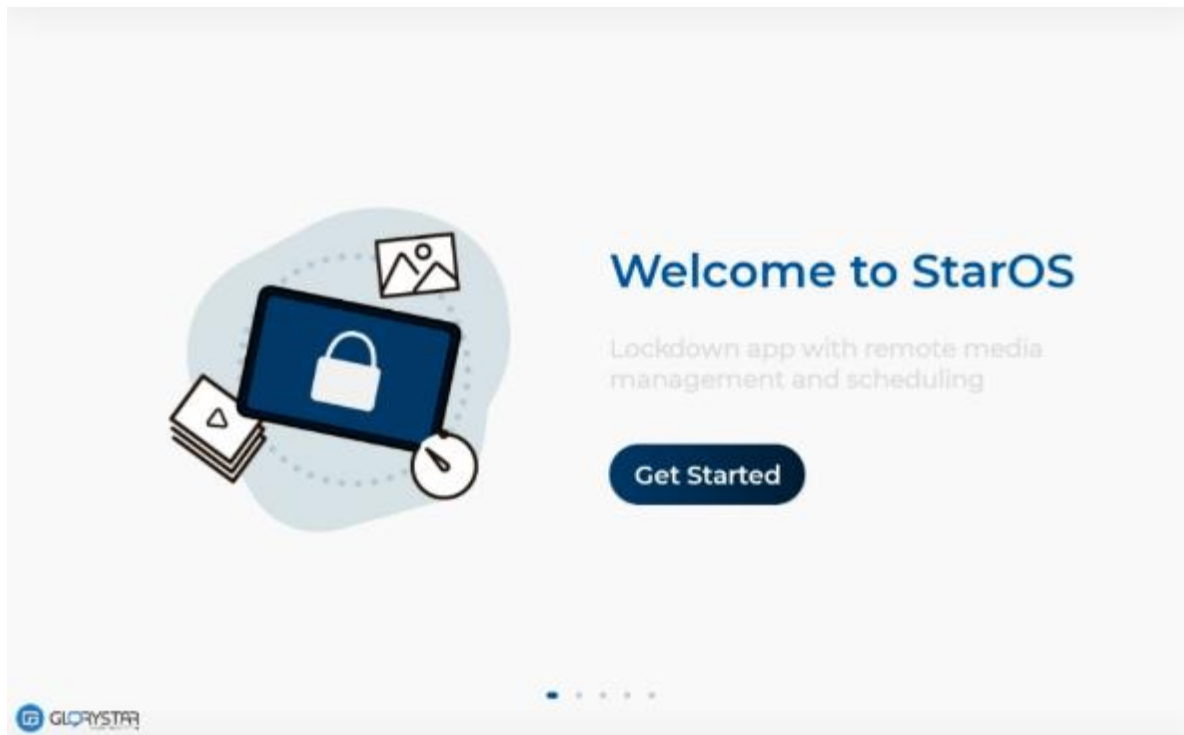
9. Make the application start after the reboot

**Settings->Other Settings->Boot up Application->Choose Tiger**

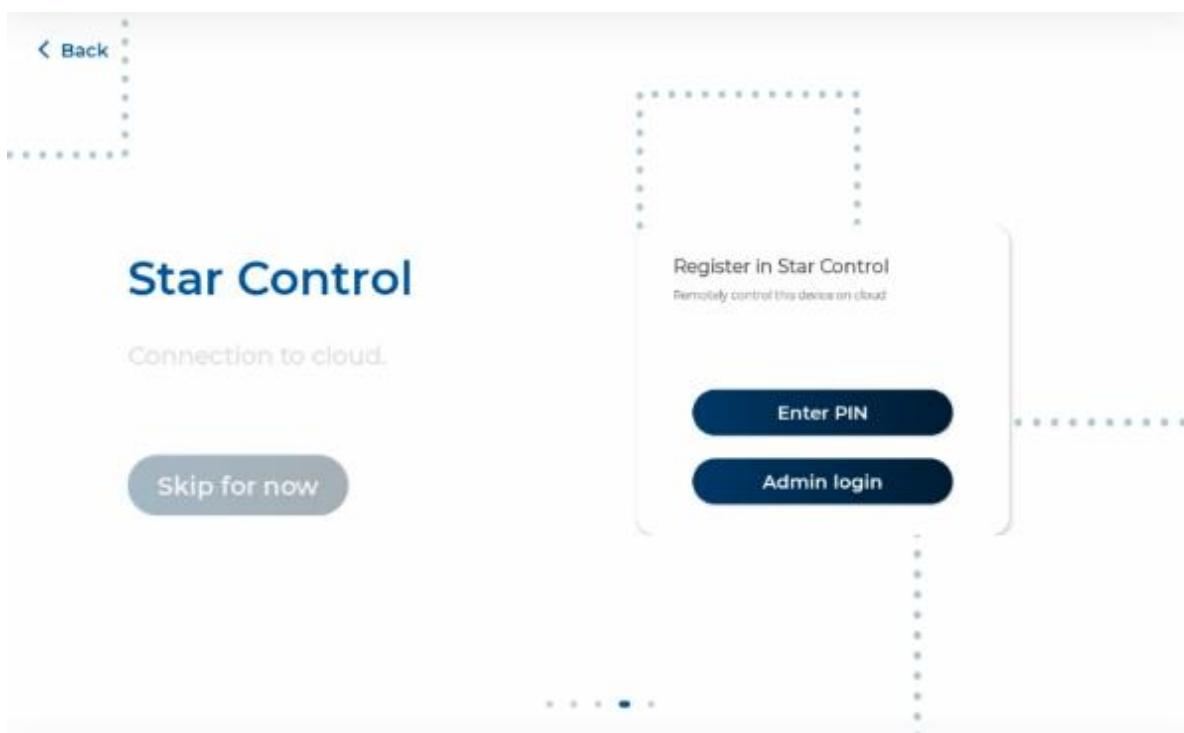
## Installation of GloryStar devices with StarOS

GloryStar screens are excellent for meeting room management.

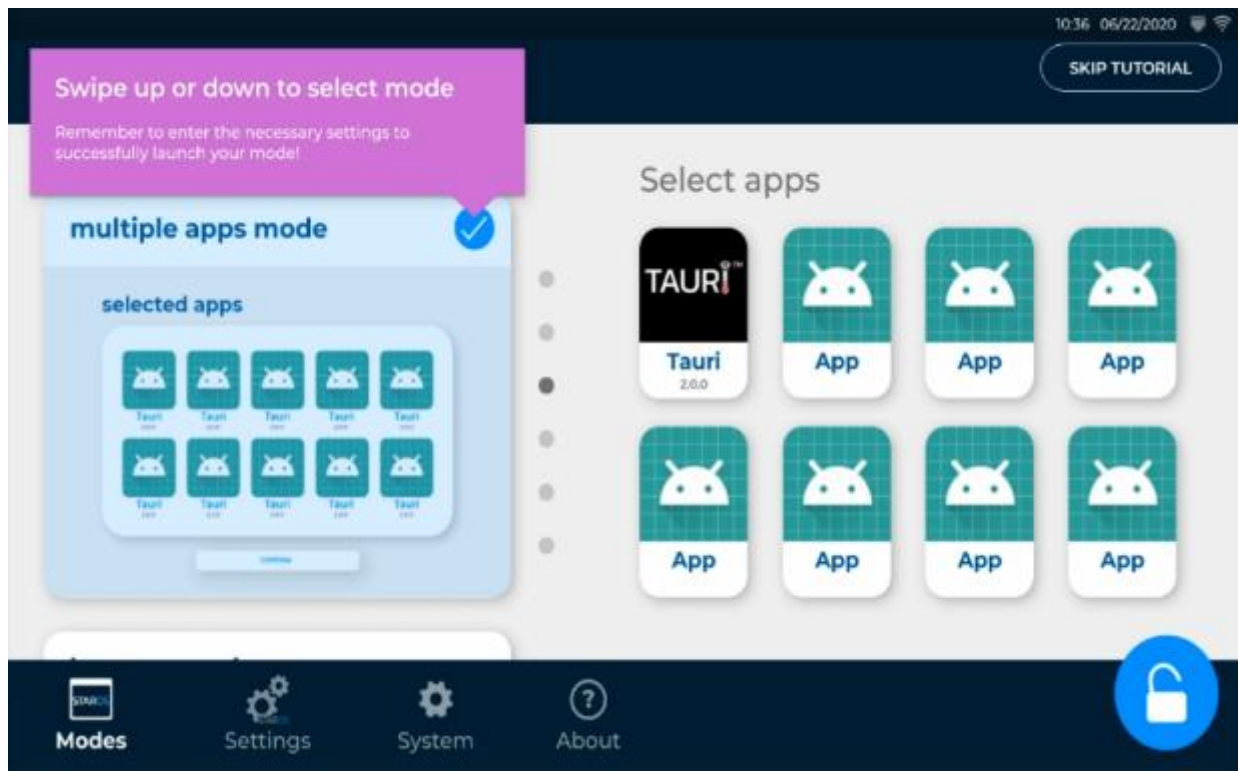
The screens come with the proprietary StarOS that supports both kiosk and app mode



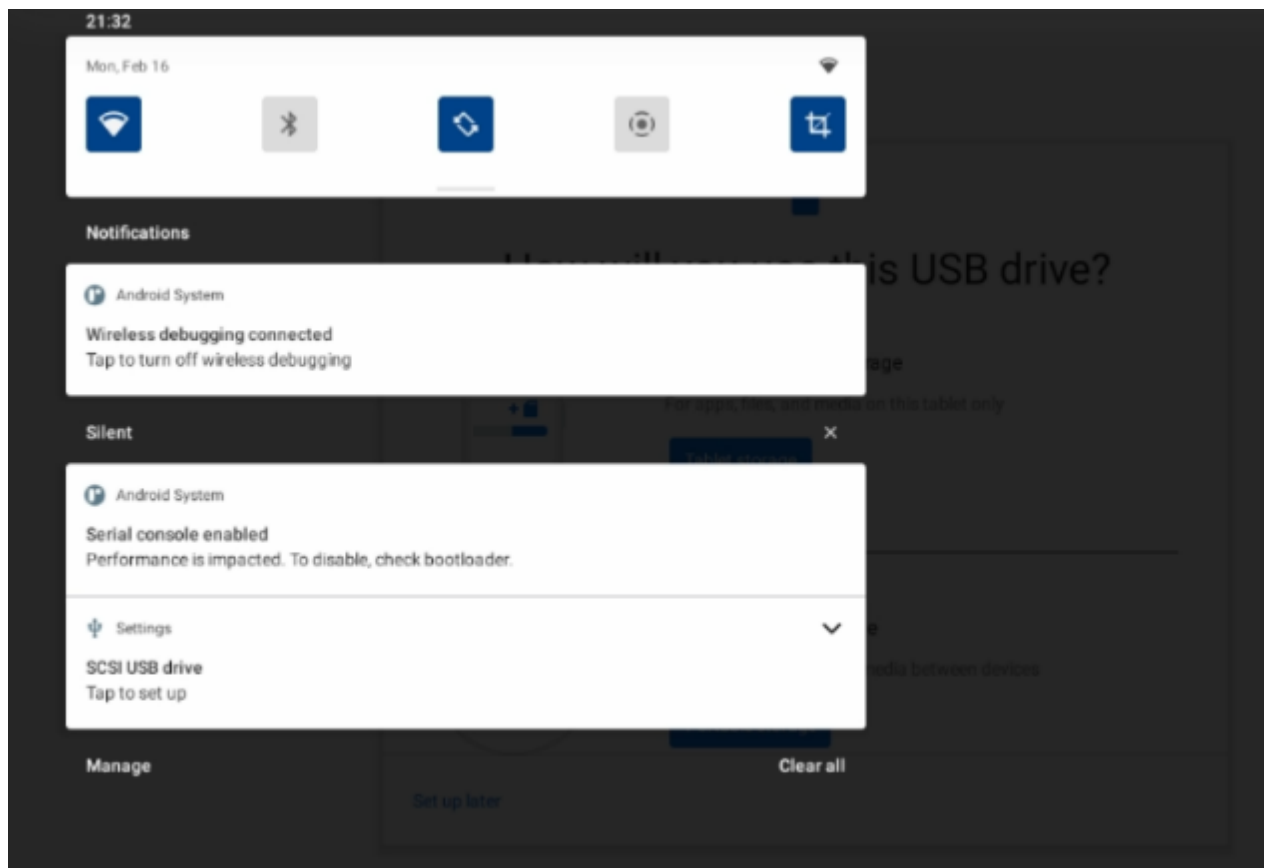
Perform the basic configuration following the guided menu

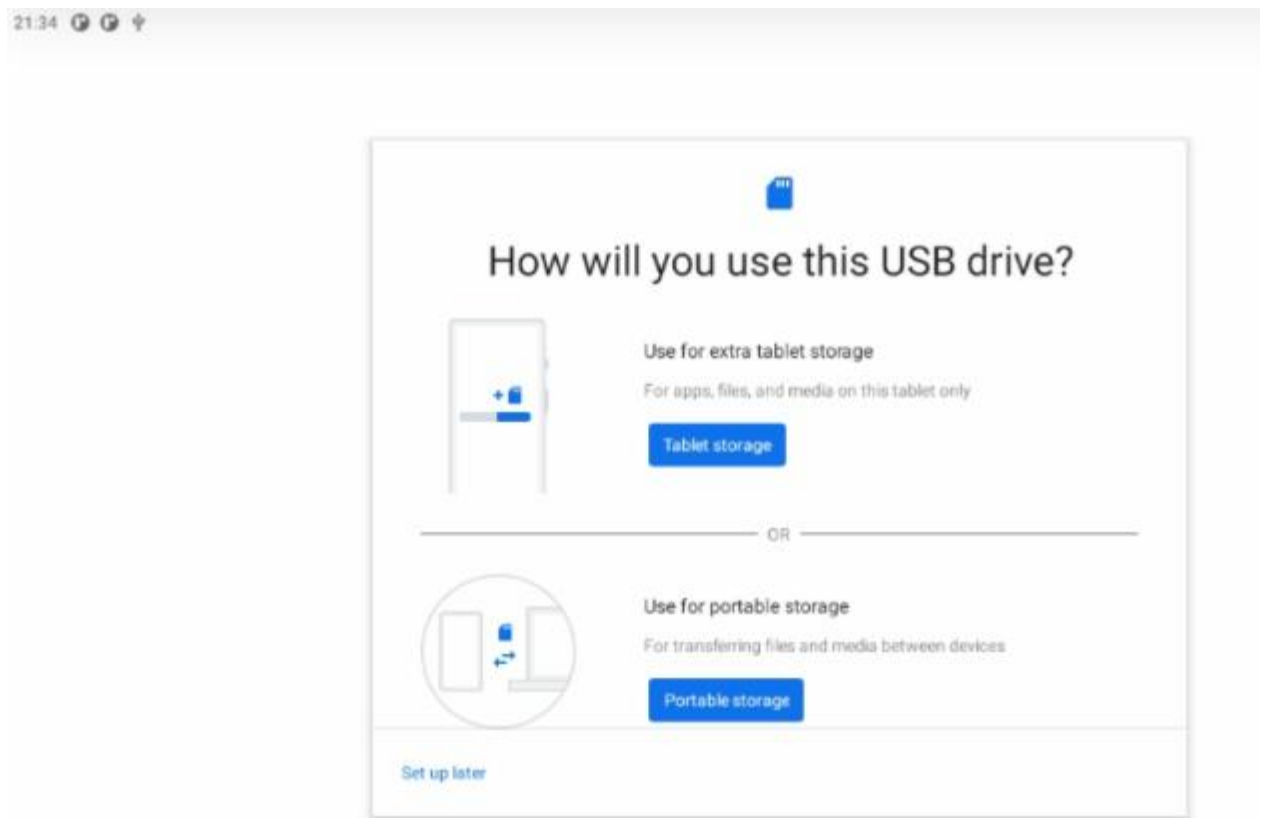


Tap the bottom right corner 4 times and use password “0000”



Install Tiger via USB drive – by swiping down from the top and configuring the USB device usage



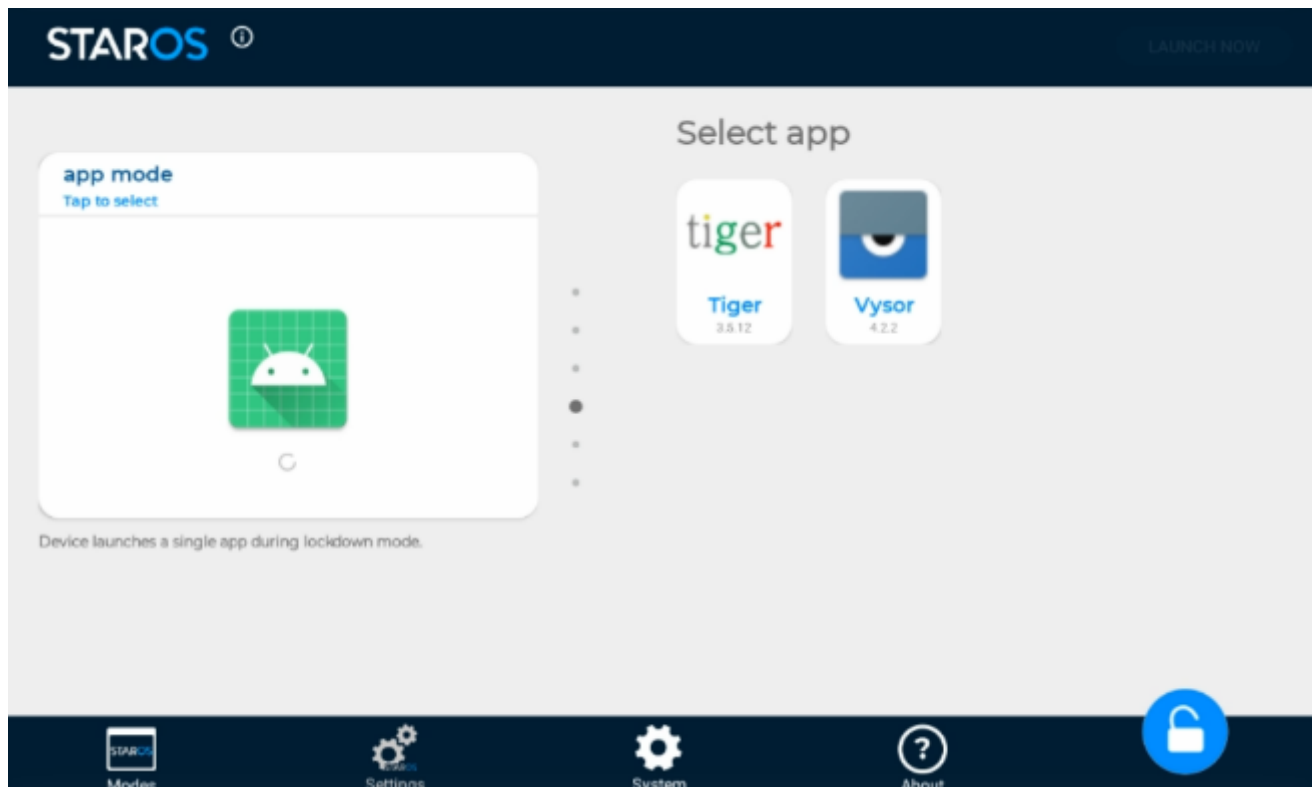


Chose the “Porable storage” mode.

After this the USB device will be readable when swiping from the top or chosing the file manager application.

Chose the folder and install the Tiger APK.

Use the system in “App mode” once the Tiger APK is installed.



Please note that all Tiger Android related settings are required.  
Configure Android settings in the “System” menu.

## Installation of Becot and other devices with Zhou Ce API

Devices that use Zhou Ce API need to install zcapk.apk in order to perform the silent installation. Other functionality is provided by Tigermeeting application using the generic Android methods and intents.

Please, contact the Tigermeeting support to obtain the latest zcapk.apk.

These devices often use the very special OS-HHLED-A serial port LED controller, that is already fully supported by the Tiger application.

## Installation of competitors' screens

Tiger APK is a lightweight user-space Android application designed to natively support a wide range of open and proprietary SDKs, as well as branded

manufacturers' APIs for low-level screen hardware management. It automatically detects hardware capabilities and leverages available LED, NFC, GPIO, and other drivers and controllers, regardless of manufacturer or device brand.

Many meeting room and digital signage providers — Tigermeeting's competitors — rely on proprietary, branded, or white-label devices. Thanks to Tiger APK's flexible and modular architecture, it can fully or partially support these proprietary devices. This opens the door for customers to migrate to the Tigermeeting solution if they find it more beneficial.

While Tigermeeting cannot provide official support for proprietary screens originating from competitors, below you will find a list of reported screens where Tiger APK has successfully operated on third-party devices.

## Meetio MR-IE10

Meetio's MR-IE10 screen is built on the IAdea XDS-1078 platform. Tigermeeting provides full support for all IAdea API features. For installation instructions, please refer to the chapter dedicated to IAdea screens.

## ViewSonic EP1052 series

The ViewSonic EP1052-A and EP1052-L Scheduling Panels, as well as the Meeting Room Touch Controller, are powered by IAdea screens to deliver advanced room management capabilities. These devices are based on the IAdea WRP-1000 platform. Tigermeeting provides full support for all IAdea API features. For installation guidance, please refer to the chapter dedicated to IAdea screens.

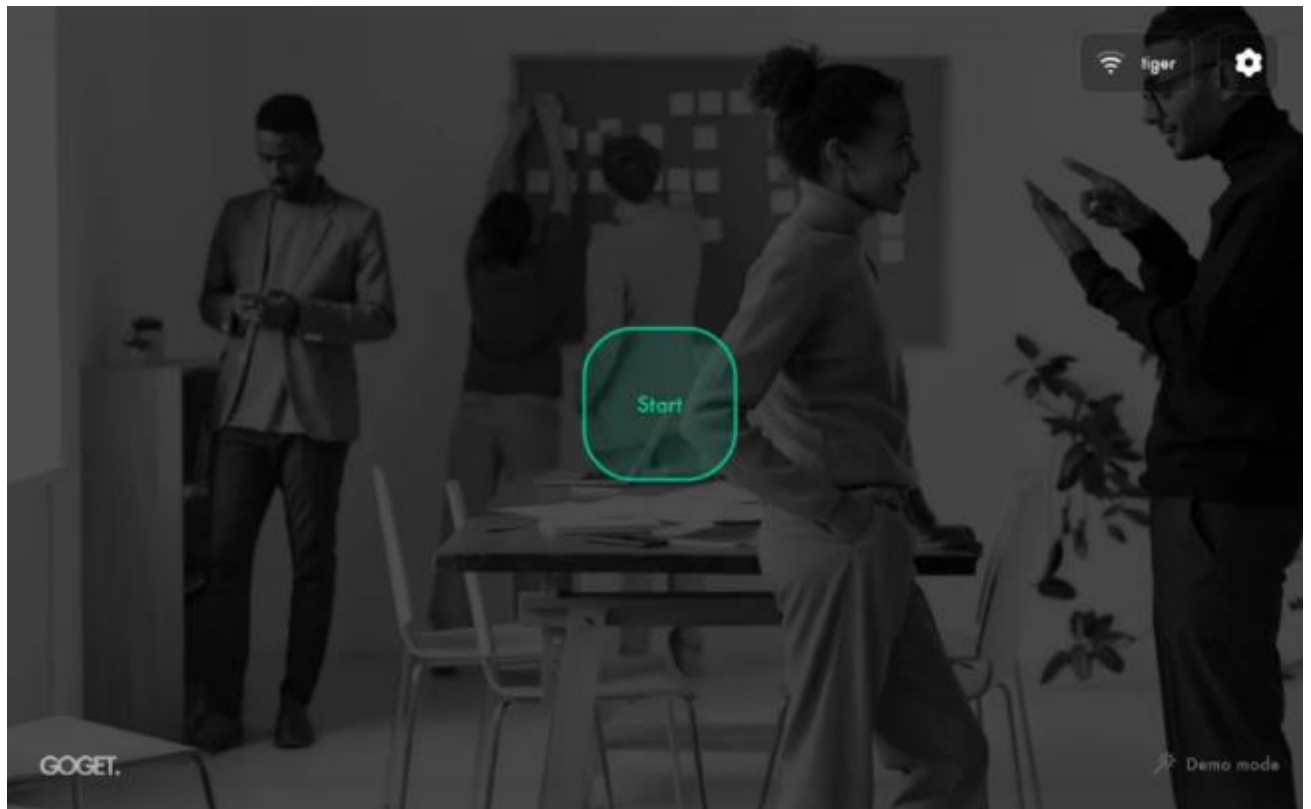
## GoGet GG One

GoGet offers a visually appealing and user-friendly meeting room solution that runs on a proprietary Android screens managed from the cloud.

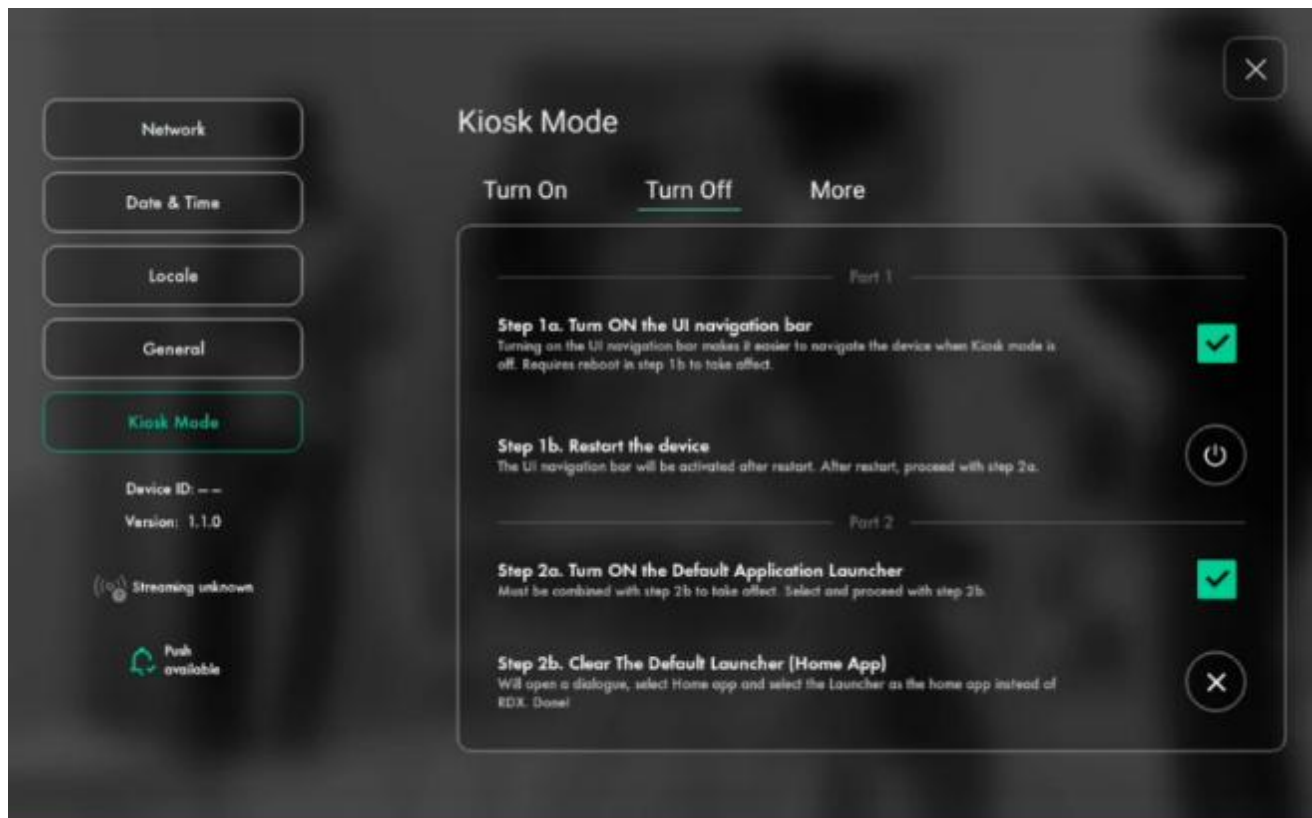
The GoGet Room Display X admin interface enables users to repurpose the screen for other applications. By following the installation steps, any compatible app can be

deployed — including the Tigermeeting application. This allows users to evaluate and run Tigermeeting in scenarios where an on-premises, serverless solution with a perpetual license model is preferred.

Press the gear sign on the top right corner of the screen to open the Settings menu



Turn off Kiosk mode



After the device restarts, the system bar is reachable where swiping up would allow to access the Android setting, installing Tiger as on any generic Android device.

On the very same way, the excellent GoGet Room Display X application can be made as a default Launcher application restoring the device's original state.

## Other compatible competitors

As targeted screens - especially manufactured for meeting room management with LED lights, NFC reader, touch screen and GPIO interfaces are often shared between the meeting room management software solutions suppliers – Tigermeeting can easily replace the competitors' meeting room management system on all supported devices (that are listed above, like ProDVX, IAdea, Qbic, Aurora etc )

In case a customer, who has an already functional infrastructure with screens on the walls, for whatever reason chooses to migrate to Tigermeeting.

If the screens are among the supported hardware the migration will be easy and straight forward – in most cases even without taking down the screen from the wall.

Why would somebody migrate their functional environment to Tigermeeting?

Here are the most common reasons:

- On premises solution – remove internet dependency
- Improved security
- No subscription – reduce cost
- Tigermeeting solution's unique features
- User friendly, intuitive interface

Read more in the published white papers at <https://tigermeeting.app/en/why-tiger>

## Not compatible competitors' screens

There are, however, certain screen manufacturers whose devices cannot run the Tiger application due to technical restrictions. These products use highly locked-down firmware and proprietary system layers that prevent third-party applications from being installed, sideloaded or from accessing the required user-space components making the integration and deployment process impossible.

As a result, Tiger applications cannot be deployed or supported on these platforms.

Manufacturers in this category include, but are not limited to:

- Logitech
- Yealink
- Joan
- Neat
- Evoko
- Crestron
- Flowscape

Tigermeeting is open for collaboration to support these screen manufacturers' excellent hardware too – in case these manufacturers are willing to open up the firmware or provide such a patch that would allow sideloading the Tiger application.

Please, let us know if you want to shine up more offices and school corridors together with Tigermeeting.

## Installation of Android TVs or TV sticks

Tigermeeting supports Android operating system, wherever it runs and whatever screen size it has.

This is the goal, but the statement is not entirely true – as it is not possible to claim this statement true before exactly all devices have been tested.

Regardless, Tigermeeting uses modular and flexible architecture to support as many Android versions as possible and applies advanced frontend technology to scale on different screen sizes – from 4” to 90” or higher.

The overview-screen product is designed to provide a comprehensive overview over the available meeting rooms and meeting room statuses.

There are dedicated Android TVs and screens that fits perfectly for this purpose (see Philips, ProDVX, Samsung, LG, SONY and other manufacturers’ product catalogue).  
 ... however, there are other Android devices also available on the market that are suitable for this purpose: Android TV sticks (like Xiaomi Mi TV Stick, Amazon FireTV devices and other Android TV boxes)

**USB install:** Most of these devices are equipped with USB peripherals. Copying the Tiger APK (downloaded via the Tigermeeting Admin application) and using the Android TV’s file manager, choose the Tiger APK and perform a standard installation. Please note that all permissions - mentioned earlier – need to be set in **Settings -> Applications -> Tiger**

**Play Store install:** Android TV sticks, usually maintain a very small form factor, therefore, they do not have USB peripheral. In these cases, Google Play store or other App stores that distribute the official Tigermeeting application provide great help installing the Tiger APK.

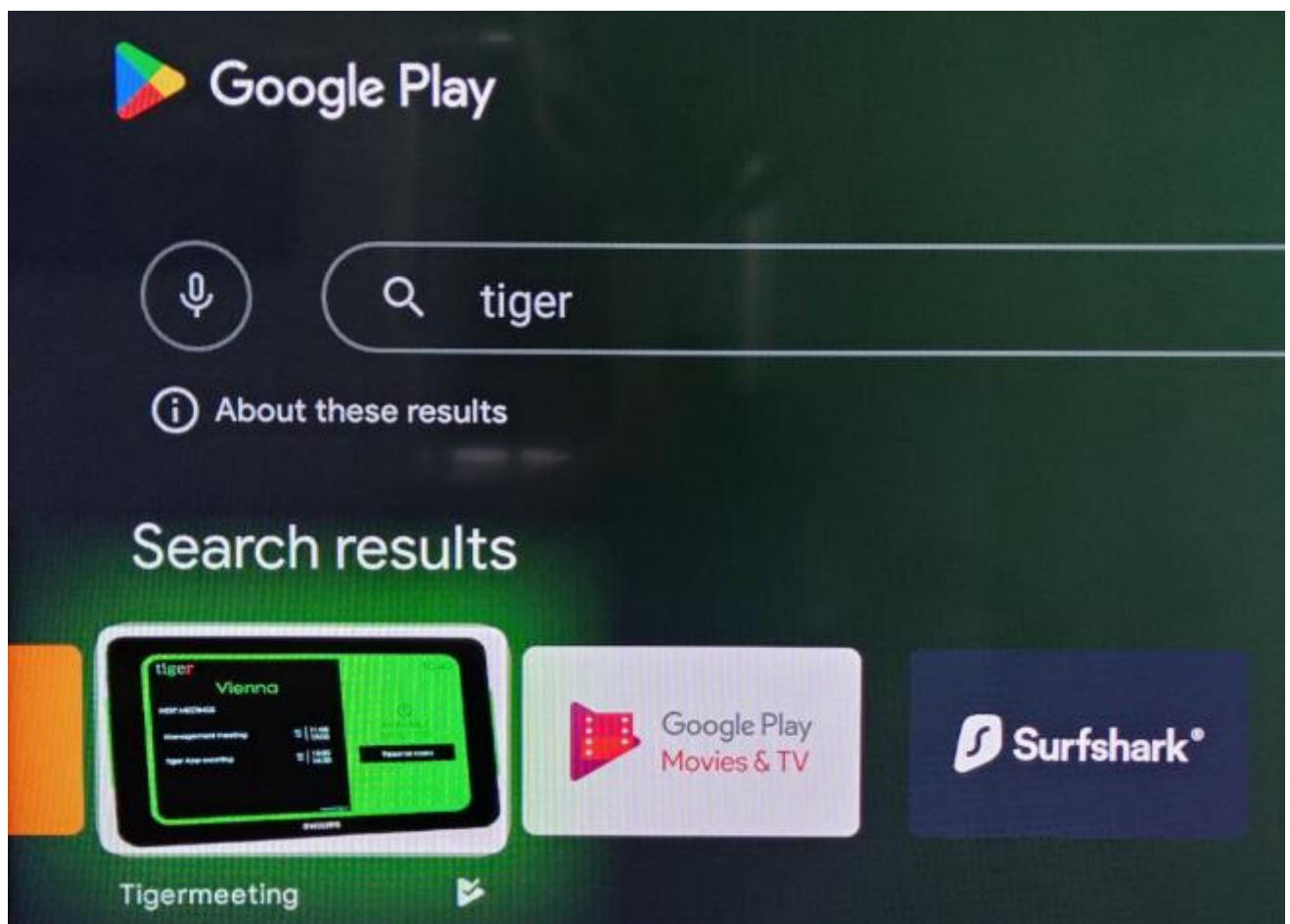
**ADB installation:** If no other options are available, advanced users may install the Tiger APK via the Android Debug Bridge (ADB). For detailed instructions see the relevant chapter in this document.

## Google Play, Amazon Appstore installation

Google Play and Amazon Appstore are among of the most used Play Stores in the World.

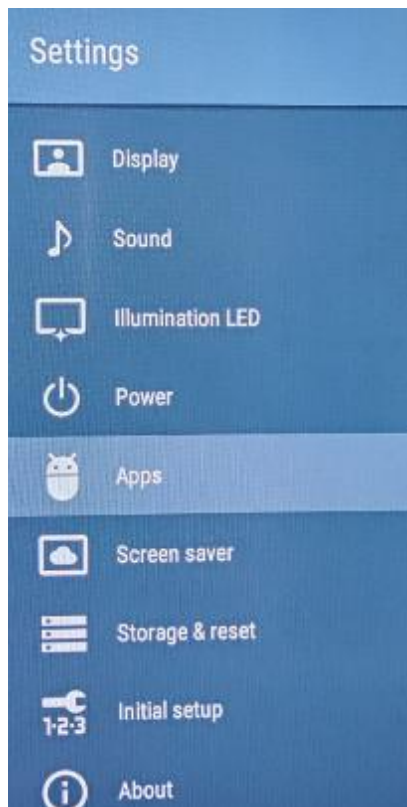
To install the Tiger overview application on an Android TV, Android TV stick or Amazon FireTV or Fire TV stick, please follow the steps below:

Search for “Tigermeeting” in the play store:

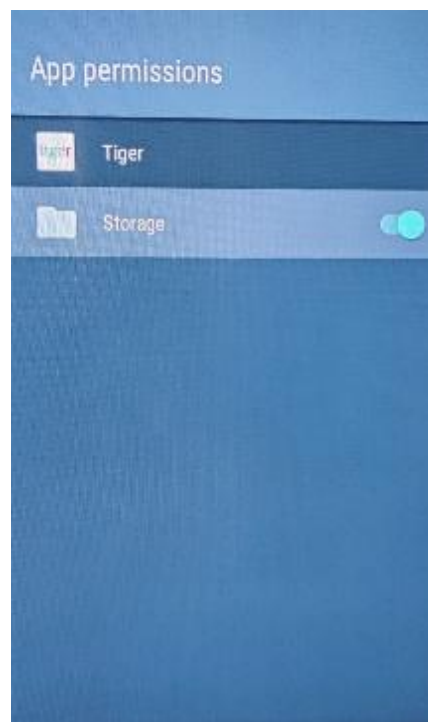
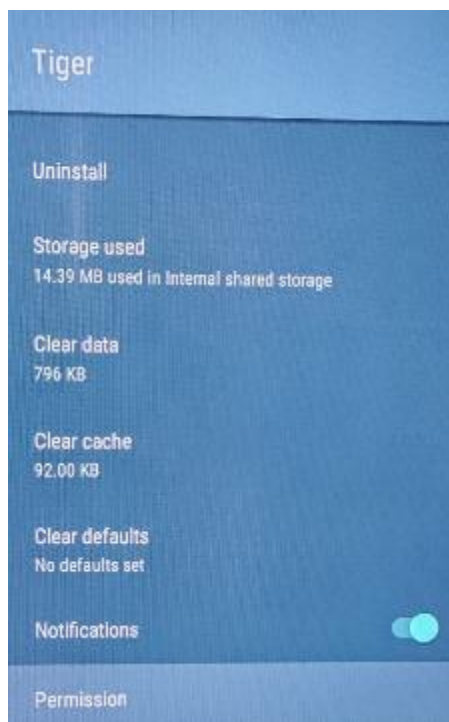


Depending on the TV's android version the “storage permission” may or may not be granted. The Tiger APK will not work without the storage permissions.

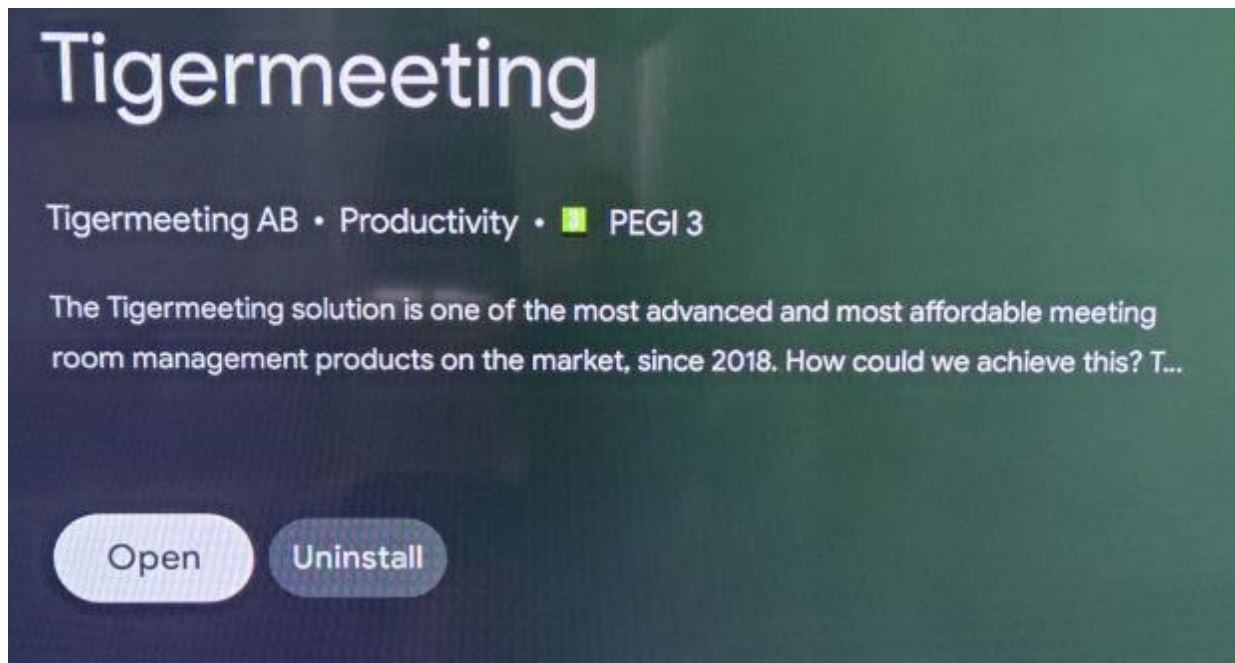
Go to Settings->Apps



**IMPORTANT:** Enable Storage permissions



Start the application:



The overview default screen will come with “NO ROOMS DEFINED”.

When the TV/ screen is in this state, the Tigermeeting Admin app will be able to discover on the network.

Defining the rooms and other Tigermeeting options and properties can be set from the Tigermeeting Admin App (please read the Admin User manual)

**NOTE:** The overview screen device is fully operational just when the default screen appears.



Further configuration is done via the Admin application.

# Serial and GPIO port adjustments

Some devices use serial ports for communication with the hardware – LED lights, root access, system updates, GPIO control etc.

Tigermeeting uses the manufacturers' default settings, but the defaults can be changed in the Tigermeeting Admin Application.

Look after Rockchip, Shimeta serial and GPIO keywords in the Admin User Manual.

## Peripheral equipment configurations

Tigermeeting supports several peripheral equipment for make the access control, authentication or sensory information flows easier.

Peripheral equipment, or how we are calling the gadgets include USB scanners and equipment controlled by the GPIO relays.

NOTE: newly attached USB devices to the Android screens require a one-time user approval on the screen.

### Zebra scanners

All USB Zebra scanners are supported that use Vendor ID (VID): 05E0 (hexadecimal), which corresponds to decimal 1504

Please note, even if the device supports Bluetooth or RS232, the other than USB connections are programmatically disabled.

The scanner needs to be put into the **SNAPI** mode.

Please check the manual for your device, but in most cases the following instruction will configure the scanners in the SNAPI mode required for Tiger compliance.



Com Protocol = SNAPI

## Newland AIDC scanners

All USB Newland scanners are supported that use USB Vendor ID (VID): 1EAB (hexadecimal), which corresponds to decimal 7851

Please note, even if the device supports Bluetooth or RS232, the other than USB connections are programmatically disabled.

The scanner needs to be configured **HID POS (POS HID Barcode Scanner)** mode. Please check the manual for your device, but in most cases the following instructions will configure the Newland scanners in the HID POS mode required for Tiger compliance.



@SETUPE1

**Enter Setup**



@INTERF5

**USB HID-POS**



@SETUPE0

**\*\* Exit Setup**

## MARSON scanners

Most of the USB Marson scanners are supported that use USB Vendor ID (VID): 26F1 (hexadecimal), which corresponds to decimal 9969

The scanner needs to be configured USB **HID POS** mode.

Please check the manual for your device, but in most cases the following instructions will configure the scanners in the HID POS mode required for Tiger compliance.



**USB HID\***

## Datalogic scanners

Most of the USB Datalogic scanners are supported that use USB Vendor ID (VID): 05F9 and 0809 (hexadecimal), which corresponds to decimal 1529 and 2060 respectively in USB HID keyboard device mode.

## Honeywell scanners

Most of the USB Honeywell scanners are supported that use USB Vendor ID (VID): 0C2E (hexadecimal), which corresponds to decimal 3118 in USB HID keyboard device mode.

## ChiperLab scanners

Most ChiperLab USB and Bluetooth barcode scanners are supported when operating in standard HID keyboard, USB CDC (virtual COM), or HID POS modes. Chiperlab devices typically expose configurable USB Vendor ID (VID) and Product ID (PID) modes and support a broad set of 1D/2D symbologies (EAN/UPC, Code128, Code39, QR, DataMatrix, PDF417).

## Sunmi scanners

Sunmi scanners are integrated into Sunmi Android terminals and therefore do not enumerate as standalone USB HID keyboard devices.

When connected over USB, Sunmi devices use the Sunmi Vendor ID (VID): 28E9 (hexadecimal), which corresponds to decimal 10473, but this identifies the entire Sunmi terminal, not a separate scanner module.

Sunmi USB scanners are used in HID POS modes.

## Birch scanners

Most of the Birch produced USB scanners are supported in USB HID keyboard device mode.

## Other manufacturers' scanners

Most manufacturers' USB stationary and handheld scanners "just work" with Tiger because they present themselves as standard USB HID keyboard devices. That means Android treats them exactly like a physical keyboard:

- They appear under `/dev/input/eventX`
- They use the standard `Generic.kl` keylayout
- They inject characters into the focused input field
- No permissions, no USB host code, no drivers, no SDK needed.

## ProDVX Pogo scanner

These devices are manufactured by MARSON. Please read more about there.

## ProDVX Pogo LED lights

ProDVX Pogo LED lights are USB to UART devices.

Tiger application hides all the controller complexity required.

Once the Pogo device is attached to a supported screen, it is expected to be discovered by the Tiger application and work out of the box.

## ProDVX Pogo NFC reader

The ProDVX Pogo NFC reader device is discovered by the Android operating system. No additional settings are needed.

## GPIO relays

GPIO ports managing relays can be used for access control or any other purpose when a relay can power on or off an equipment.

GPIO ports are configured via the admin app by choosing the device's GPIO port. Please read the related chapter in the Admin User manual.

## Dual screen devices

Tigermeeting application has support for dual screen devices used as:

- corridor displays hanging from the ceiling

- mounted perpendicularly on the wall
- devices standing on the tables within the meeting room

These devices expose the same content from both sides (both screens).

NOTE: As Tigermeeting support screen rotation on all devices - some devices firmware settings pose challenges to rotate the secondary screen (avoiding upside down content). Please, test on the chosen device the desired orientation.

Read more about in the Admin User manual.

## Sensors

Tigermeeting includes a flexible, modular sensor-integration framework designed to support environmental awareness, room-state automation, and future smart-building extensions. While the current release supports ambient environmental sensors, the underlying architecture is intentionally built to integrate any sensor capable of communicating over REST API.

**Supported Sensor Types:** Steinel ambient environmental sensors

Tigermeeting natively supports sensors that provide human presence, temperature, humidity, air-quality, CO<sub>2</sub>, VOC, and similar environmental metrics. These sensors are typically deployed in meeting rooms, open office areas, and shared spaces to provide real-time environmental data for dashboards, analytics, and automated room-state logic.

Ambient sensors are integrated through a standardized REST polling mechanism, allowing Tigermeeting to retrieve measurements at configurable intervals and expose them to the system's automation engine.

## Workspace management

Tigermeeting can free or book the rooms / room resources based on the room occupancy or doo enters sensor information.

# Booking screen or overview screen

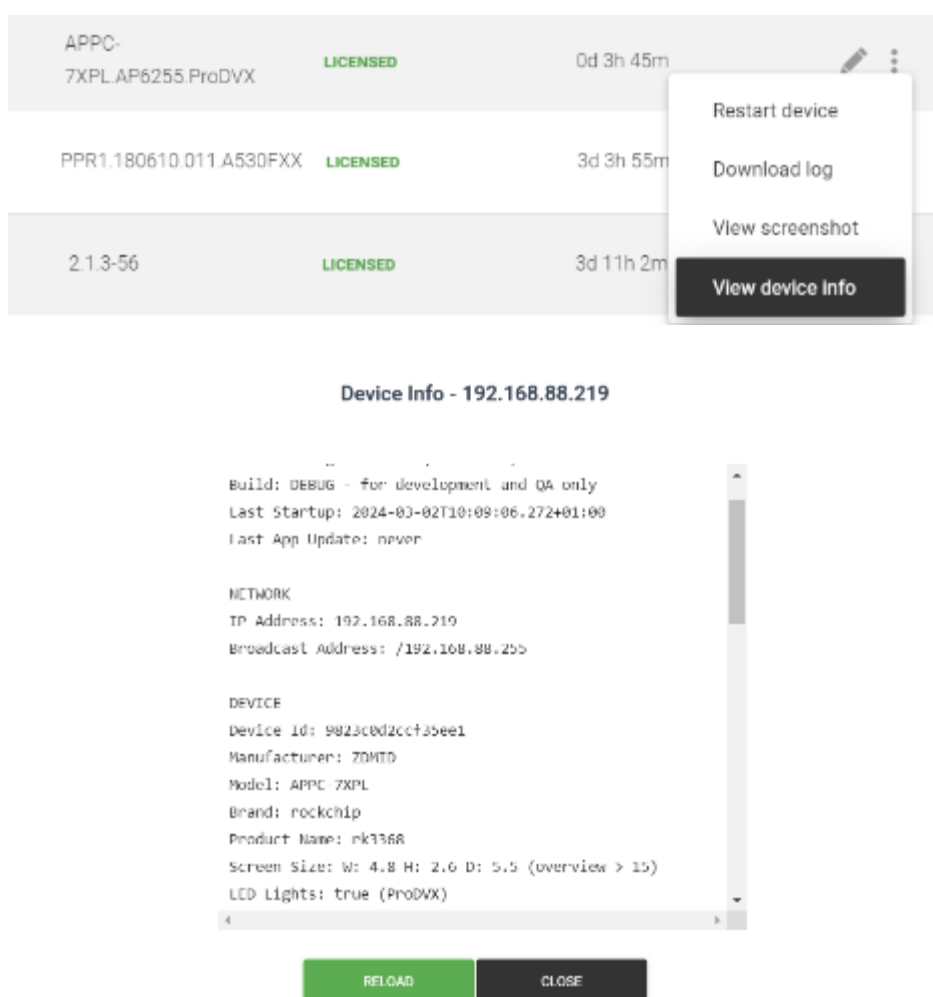
Tigermeeting Android APK is generic – one for all.

The choice of whether the installed Tigermeeting Android application behaves as a booking screen or an overview screen, solely depends on the device's screen sizes.

If the device screen size is less than 16 inches the APK will behave as a booking screen.

If the device screen size is bigger than 16 inches the APK will behave as an overview screen

**NOTE:** there are devices that do not report back to the system the pixel per DPI ratio, that is needed for the screen calculation. In these cases, a smaller screen could behave as an overview or a bigger screen as a booking screen. This is an anomaly that should be reported to the Tigermeeting support, sending the screen's "device info" output to support@tigermeeting.app. (simply copy/paste from the window to the mail)



# Uninstalling the Tiger application

Tigermeeting application is a user space application – an ordinary application without any special rights, therefore it is very simple to uninstall using the standard ways:

- **Android Settings:** ->Applications & Notifications -> Tiger -> Force stops -> Uninstall (sometimes the App defaults need to be removed before Uninstall)
- **Tigermeeting Admin App:** Network -> choose the device ->on the device's left side menu -> factory reset
- **adb shell:** pm uninstall rs.manufaktura.tiger

# Where to obtain compatible Android screens?

Tigermeeting is a global software provider for meeting room solutions - therefore the software, the licensing and the support are handled by Tigermeeting itself - while Tigermeeting does not deal with the hardware sales or distribution at all, because of the - often complicated - local regulations and hardware support / service obligations.

In some countries Tigermeeting has contracts with local hardware distributors that are able to provide turnkey Tigermeeting solutions: hardware + Tigermeeting license bundles.

In the rest of the world, Tigermeeting does not sell hardware but cooperates with Philips and other hardware resellers/distributors.

Please, tell us more about your needs and requirements at <https://tigermeeting.app/contact> and we will help you find your local Philips, Samsung, Lenovo, Xiaomi, Oppo, Huawei, Amazon, Motorola, Asus, Aurora multimedia, Qbic, ALLNET, ProDVX, ELC, TouchWo, ShiMeta, Levinko, Aurora, iiyama, AOpen, AllSee or IAdea distributor/reseller/dealer to obtain the chosen hardware.

Tigermeeting cooperates with OEM hardware manufacturer company in Shenzhen, China who can produce Tiger compatible Android devices with your own hardware specification and brand.

Having support for ALL available Android devices in the World is simply impossible - but using advanced technology that allows support for different Android versions and most of the different screen sizes, opens up possibilities to use older Android phones, tablets and less expensive brands that would make the Tigermeeting solution even more affordable - aiming for the best TCO for a meeting room management product in the World.

Please, do not forget that Tigermeeting APK can run on almost any Android device that lays around in the office, but it is nearly impossible to have them tested all by the Tigermeeting QA team.

# Tigermeeting hardware compatibility matrix

Tigermeeting aims to support all Android devices from version 4.1 and upwards on all common architectures: x86, x86\_64, armeabi-v7a, arm64-v8a.

There are targeted products, specially designed for digital signage and meeting room management.

Hardware manufacturers often provide proprietary APIs and SDKs to communicate with the device and utilize those hardware specific features. – like LED lights etc.

Tigermeeting has integrated with some of the major digital signage manufacturer's devices. This integration is mostly dependent on the vendor APIs' capabilities; therefore, not all functionality is available on all devices.

**NOTE:** All - not hardware related – pure Tigermeeting application functionality is available on all devices – that include, all calendar booking functionality, theme and background change, on-premises management, analytics, logs, Admin app compatibility etc. (read more about Tigermeeting features in the Admin User manual)

| 1                 | Philips<br> | IAdea<br> | ProDVX<br> | Qbic<br> | Aurora<br> | ALLNET<br> | Others<br> |
|-------------------|------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| LED lights        |             |           |            |           |            |            |            |
| Reboot            |             |           |            |           |            |            |            |
| Screenshot        |             |           |            |           |            |            |            |
| Video player      |             |           |            |           |            |            |            |
| Device info       |             |           |            |           |            |            |            |
| NFC/RFID auth     |             |           |            |           |            |            |            |
| Scanner read/auth |             |           |  "         |           |            |            |            |
| GPIO control      |             |           |            |           |            |            |            |
| Post-command      |  ~          |           |            |           |            |            |            |
| SW/APK upgrade    |             |           |  *-        |           |  *         |            |  *-        |
| FW-upgrade        |             |  ^        |  ^         |           |  ^         |            |            |
| HW-metrics        |             |           |            |           |            |            |            |
| Immersive mode    |             |           |            |           |            |  =         |  =         |
| Maintenance mode  |             |  +        |            |           |            |            |            |
| App-store support |             |           |            |           |            |            |            |

| 2                 | AOpen<br> | Allsee<br> | ELC<br> | AlSpeech<br> | ShiMeta<br> | SWEDX<br> | TouchWo<br> |
|-------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| LED lights        |           |            |         |              |             |           |             |
| Reboot            |           |            |         |              |             |           |             |
| Screenshot        |           |            |         |              |             |           |             |
| Video player      |           |            |         |              |             |           |             |
| Device info       |           |            |         |              |             |           |             |
| NFC/RFID auth     |           |            |         |              |             |           |             |
| Scanner read/auth |           |            |         |              |             |           |             |
| GPIO control      |           |            |         |              |             |           |             |
| Post-command      |           |            |         |              |             |           |             |
| SW/APK upgrade    |           |            |         |              |             |           |             |
| FW-upgrade        |           |            |         |              |             |           |             |
| HW-metrics        |           |            |         |              |             |           |             |
| Immersive mode    |  =      |  =       |  =    |  =         |  =        |  =      |           |
| Maintenance mode  |         |          |       |            |           |         |           |
| App-store support |         |          |       |            |           |         |           |

| 3                 | Google<br> | Samsung<br> | PlusOne<br> | Huawei<br> | Newland<br> | iiyama<br> | Rockchip<br> |
|-------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| LED lights        |            |             |             |            |             |            |              |
| Reboot            |            |             |             |            |             |            |              |
| Screenshot        |            |             |             |            |             |            |              |
| Video player      |            |             |             |            |             |            |              |
| Device info       |            |             |             |            |             |            |              |
| NFC/RFID auth     |            |             |             |            |             |            |              |
| Scanner read/auth |            |             |             |            |  %          |            |              |
| GPIO control      |            |             |             |            |             |            |              |
| Post-command      |            |             |             |            |             |            |              |
| SW/APK upgrade    |  *         |  *          |             |            |  *          |            |              |
| FW-upgrade        |  ^         |  ^          |  ^          |  ^         |             |            |              |
| HW-metrics        |            |             |             |            |             |            |              |
| Immersive mode    |  =         |  =          |  =          |  =         |             |  =         |  =           |
| Maintenance mode  |            |             |             |            |             |            |              |
| App-store support |            |             |             |            |             |            |              |

| 4                 | PortWorld<br> | Levinko<br> | Elotouch<br> | Sunmi<br> | GloryStar<br> | 方糖<br> | AllWinner<br> |
|-------------------|------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| LED lights        |               |             |              |            |               |        |               |
| Reboot            |               |             |              |            |               |        |               |
| Screenshot        |               |             |              |            |               |        |               |
| Video player      |               |             |              |            |               |        |               |
| Device info       |               |             |              |            |               |        |               |
| NFC/RFID auth     |               |             |              |            |               |        |               |
| Scanner read      |               |             |              |            |               |        |               |
| GPIO control      |               |             |              |            |               |        |               |
| Post-command      |               |             |              |            |               |        |               |
| SW/APK upgrade    |               |             |              |            |               |        |               |
| FW-upgrade        |               |             |              |            |               |        |               |
| HW-metrics        |               |             |              |            |               |        |               |
| Immersive mode    |             |  =        |  =         |          |             |      |             |
| Maintenance mod   |             |           |            |          |             |      |             |
| App-store support |             |           |            |          |             |      |             |

| 5                 | ulink<br> | Zebra<br> | Honeywell<br> | Urovo<br> | Mimo<br> | Datalogic<br> | ViewSonic<br> |
|-------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| LED lights        |           |           |               |           |          |               |               |
| Reboot            |           |           |               |           |          |               |               |
| Screenshot        |           |           |               |           |          |               |               |
| Video player      |           |           |               |           |          |               |               |
| Device info       |           |           |               |           |          |               |               |
| NFC/RFID auth     |           |           |               |           |          |               |               |
| Scanner read      |           |  %        |  %            |  %        |          |  %            |               |
| GPIO control      |           |           |               |           |          |               |               |
| Post-command      |           |           |               |           |          |               |               |
| SW/APK upgrade    |           |           |               |           |          |               |               |
| FW-upgrade        |           |           |               |           |          |               |               |
| HW-metrics        |           |           |               |           |          |               |               |
| Immersive mode    |           |  =        |  =            |  =        |  =       |  =            |               |
| Maintenance mod   |           |           |               |           |          |               |  +            |
| App-store support |           |           |               |           |          |               |               |

**Legend:**

● **-OK** – the functionality is supported

● **-NO** – the vendor API allows the functionality, but it is not implemented by Tiger.

● **-n/a** -Not applicable – there is no API or permissions to perform the operation.

\* - the SW/APK upgrade can be triggered but on-screen approval is needed

- - Seamless SW/APK upgrade is available via the App-stores

^ - the hardware supplier pushes out the upgrade independently from Tigermeeting.

+ - after reboot interact with AppStart to pause the Play operation

~ - use Philips' more superior CMND technology instead. More at <https://cmnd.io>

= - using Screen pinning (read the device manual)

“ – Pogo peripheral accessory

%- Built in QR code scanner is supported, beside the standard USB scanners

**Compatibility matrix notes:**

- The table numbers 1,2,3... are just for the reference – there is no priority, grouping or any particular order in the list
- The **Others** column represent all other arbitrary Android devices. It means that you can take any Android tablet or mobile phone and expect those functionalities to work. These are generic devices - not explicitly designed and made for meeting room management purposes (like Sony, Asus, Xiaomi, Lenovo, Tecno, Oppo, Vivo, Itel...)
- The **Others** group includes also all other excellent digital signage manufacturers' devices that Tigermeeting has not finished the full hardware integration yet (like Kramer, Black Box, Yealink, Crestron, Harman, Neat, Cisco).
- **App-store support** means default or optional availability of Android application stores, like Google Play, Amazon appstore, HUAWEI AppGallery, SAMSUNG Galaxy Store, Xiaomi GetApp / Mi App Mall, VIVO V-Appstore, OPPO Store, Transsion Palmstore, Aptoide, ONE Store and similar application stores

**NOTE:**

If you have some excellent hardware, great screens with attractive features that Tigermeeting does not support yet.

**Please, talk to us – we are happy to integrate** – and add your device's icon to the Tigermeeting app

The integration would be - most probably - a piece of cake, as the Tigermeeting Android APK is very modular, built and designed with care, using excellent software architecture patterns.

Not to mention the experience and technical knowledge that accumulated during the previous manufacturers' integrations.

For example: Tiger APK has full support for the wide range of Rockchip and ShiMeta chipsets and supports the most common LED controllers like the zigbee\_reset, serial port, jnielc, yuxian API, adwdev socket, sysfs, lztech, Milesight... and many other proprietary APIs supporting on/off, 3 color, 7-color and full RGB color schemas.

Please, talk to us, and let's shine up more meeting rooms, offices and school corridors together.



In exact numbers, Tigermeeting application supports:

- 21 different Android APIs (versions 16..37)
- 17 different hardware vendor APIs
- 16 different integrated SDKs
- 12 different LED controllers
- 10 NFC/RFID technologies
- 4 hardware architectures
- 9 different GPIO APIs
- 8 different chipsets
- 8 QR code / barcode scanner brands

...and counting.

Our strategic alliances with nearshore, offshore, and Far East branded and OEM manufacturers allow us to deliver quality, agility, and innovation on a global scale.

Please, talk to us, and let's shine up more meeting rooms, offices and school corridors together.



Earn the Tiger certified seal: Tiger validated display.  
Let the customers know: the integration is seamless.

Explore some of the certificated products at the Screen gallery  
<https://tigermeeting.app/gallery>.

# GDPR statement

Tigermeeting products use a unique, high watermark distributed database technology - therefore the information and the configuration itself are distributed between the screen devices within the local network infrastructure only.

There is no need for on-premises central or any external data store - therefore it does not exist.

## Booking and overview screens

- Calendar operations - like booking on the screens and presenting the calendar events on the booking and overview screens are API based request/response type of operations between the online calendar supplier (like Microsoft or Google) for display purposes only. No personal data is stored on the devices or transferred elsewhere.

## Admin App

- The Tigermeeting Admin app - itself - becomes part of the distributed database just when an Admin logs in onto the network - and no information is stored on the Admin's computer.

- However, the Admin users' login credentials and the customers' license information are stored in the Tigermeeting cloud (license server, how we call it) in hashed format using high security cryptography algorithm. This is information used for admin authentication.

- In case, the customer chooses so - the Tigermeeting cloud can be used to store the customers' network backup - the infrastructure settings snapshot in encrypted format - that is used for network restore functionality.

## Analytics

- If the customer chooses so - Tigermeeting cloud is used to store the collected, anonymous meeting room usage information that is presented under the meeting room Analytics pages - visualizing the room usage statistics, booking tendency, company's booking behavior providing useful information for better meeting room utilization and the hardware health itself.

- The events are anonymous - in a sense, they are tied to the devices' MAC

address or Ad ID only.

- The events are sent by the Tigermeeting applications when the analytics/event log feature is turned ON and the devices are operational during the event. For more information, please read the Admin App documentation and the Analytics disclaimer at the bottom of every Analytics page.

## Web cookies

- Tigermeeting does not use any cookies that contain personal data - read more about in <https://tigermeeting.app/cookie-policy>

On explicit request, all accumulated event logs and other customer data can be requested to be presented/delivered or permanently deleted.

For more information, please read the Tigermeeting Privacy Policy - <https://tigermeeting.app/privacy-policy> - that complies with GDPR, CCPA, PIPEDA, CDR, LGPD and POPI regulations.



Tigermeeting with its on-premises architecture, naturally satisfies the national autonomy of data and information systems compliance requirements such as:

- China: Cybersecurity Law and Data Security Law, requiring certain types of data to be stored and processed within the country to maintain national security and autonomy
- India: Digital Personal Data Protection Bill, which includes provisions for data localization and aims to ensure that critical data remains within the country.
- Russia's Federal Law on Personal Data (FZ-152) explicitly requires that all personal data of Russian citizens be initially collected and stored in databases physically located within the Russian Federation.
- Vietnam's Cybersecurity Law and its implementing decrees (like Decree 53) require

both domestic and certain overseas companies in specific sectors (e.g., social media, e-commerce, online payments) to store certain types of user data in Vietnam for a specified period.

- Indonesia's government regulations (like GR71) mandate that operators of "public scope" electronic systems must establish data centers and disaster recovery centers within Indonesia, effectively requiring local data storage.

## Cybersecurity compliance

At Tigermeeting AB, security, privacy, and operational stability are foundational to our meeting room management software.

In preparation for modern European Union cybersecurity standards, we have published our comprehensive Cybersecurity & Compliance document.

This document contains our official EU Declaration of Conformity, mandatory security instructions for network administrators, our product support lifecycle (End-of-Life) guarantees, and our Coordinated Vulnerability Disclosure policy as required by the EU Cyber Resilience Act (CRA) and the General Data Protection Regulation (GDPR).



You can view our complete compliance documentation and guidelines in the Cybersecurity Compliance document: <https://tigermeeting.app/compliance>

# Ask for DEMO licenses

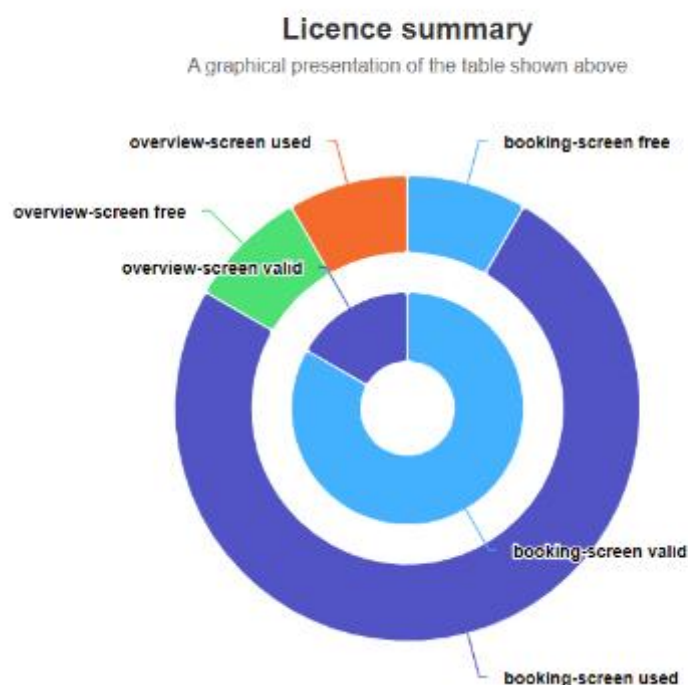
DEMO licenses are fully functional production licenses with a limited time validity. There are no payment or obligations involved - either during the DEMO licenses request or after when the DEMO licenses expire.

The idea is that potential customers are able to test the power of the Tigermeeting solution in their own environment with their own equipment. When the DEMO license validity expires. The screens simply stop using online calendars and fall back to the initial DEMO mode - without making any harm or change in the customers' environment.

The customers can any time - under the evaluation/trial period or after the DEMO licenses have expired - order perpetual licenses and continue using the Tigermeeting infrastructure with full power and functionality again. Ask for a free DEMO license to test the Tigermeeting products in your own environment before the purchase at <https://tigermeeting.app/en/contact>.

DEMO licenses are usually valid for 30 days, but this is not a hard limit. DEMO license validity can be easily extended if more time is needed for the evaluation. The validity and the distribution of the licenses can be checked in the **Admin App -> Analytics -> Company. analytics** report.

booking-screen licences: 10 total / 9 used / 1 free / 0 demo / 0 expired / 0 deleted  
overview-screen licences: 2 total / 1 used / 1 free / 0 demo / 0 expired / 0 deleted



# Contact information

**Email:** [info@tigermeeting.app](mailto:info@tigermeeting.app)

**Web:** <https://tigermeeting.app/en/contact>

**Customer Support:** [support@tigermeeting.app](mailto:support@tigermeeting.app)

Get more information by clicking on the “About” menu point in the Admin Application.



## Social media

Follow us on social media to get event updates on product news and new releases.

**LinkedIn** <https://www.linkedin.com/company/tigermeeting/>

**Facebook** <https://www.facebook.com/tigermeeting/>

**Instagram** <https://www.instagram.com/tigermeeting>

**GitHub** <https://www.github.com/tigermeeting>

**X(Twitter)** <https://x.com/tigermeeting>

**YouTube** <https://youtube.com/@tigermeeting>

**Threads** <https://www.threads.net/@tigermeeting>

**TikTok** <https://www.tiktok.com/@tigermeeting>

**Telegram** <https://t.me/tigermeeting>

**Pinterest** <https://www.pinterest.com/tigermeetingroom/>

**WhatsApp**

<https://www.whatsapp.com/channel/0029VanwIDn6LwHgKMtMF90S>

**Weixin / WeChat**



# Who's who in the Zoo?

To deliver the best service Tigermeeting collaborates closely with leading meeting room manufacturing brands – as well as with OEM and ODM manufacturers to deliver tailored, high-performance solutions across the smart display and embedded systems ecosystem. Our partners include global innovators in industrial tablets, digital signage, infotainment systems, and interactive terminals—each selected for their commitment to quality, flexibility, and forward-thinking design.

Whether you're integrating Android based devices, deploying smart control panels, or sourcing ruggedized hardware for demanding environments, or just want to find screens running the Tiger application on - Tigermeeting ensures you get the best technology, pricing, and support—directly from the source.

We act as a bridge between manufacturers and integrators, helping you navigate product selection, customization, and deployment with confidence.

For product inquiries, pricing, or technical support, reach out to the Tigermeeting sales team or customer service.

We're here to help you build smarter, faster, and more reliably—with the backing of our trusted OEM/ODM partners.

Below is a non-exhaustive list of Tigermeeting partners, listed in no particular order to reflect our platform-agnostic approach.

## Philips: Leading the way in signage display solutions

Philips, under the brand PPDS (Philips Professional Display Solutions), is a renowned name in the world of digital signage. As part of TPV Technology, the largest display manufacturer globally, Philips holds exclusive rights to bring Philips-branded digital signage, LED displays, professional TVs, and monitors to life.

### **Innovative solutions for every Industry**

Philips offers a comprehensive range of signage solutions designed to meet the needs of various industries, including hospitality, corporate, retail, education, and healthcare. Their product lineup includes:

- LED Videowalls: Bezel-free displays that can be combined to create custom shapes and sizes, offering total creative freedom.
- Interactive Displays: Touch technology for engaging and interactive experiences
- High-Resolution Displays: Super high brightness and ultra-high resolution.

### **Cutting-edge technology**

Philips is committed to innovation, providing industry-specific solutions that ensure maximum impact. Their displays are designed for performance, featuring advanced technologies like Android integration and CMND for smarter control.

### **Global reach and expertise**

With manufacturing facilities in Europe and China, Philips ensures high-quality production and a robust R&D team that drives industry-leading solutions. Their dedication to excellence makes them a trusted partner for businesses worldwide.

Tigermeeting is a recognised CMND and PPDS partner. Read more at:

<https://www.ppds.com/>

<https://apps.cmnd.io/appstore/app-detail/39/>

<https://www.ppds.com/partnerships/tiger-solutions>



# IAdea: Pioneering digital signage solutions

Founded in 2000, IAdea is a recognized leader in the global digital signage market. The company is dedicated to developing cutting-edge, commercial-grade digital signage media players and integrated displays.

## **Innovative and reliable products**

IAdea's product lineup includes:

- Room Booking Panels: Award-winning panels that enhance room booking experiences with enterprise security and cable management solutions.
- Digital Signage Players: High-quality media players that deliver stunning 4K graphics and interactive video walls.
- Interactive Kiosks: Touch-enabled kiosks designed for immersive customer experiences.

## **Commitment to quality and sustainability**

With over 20 years of experience, IAdea is known for its high-quality products, in-field device durability, and compatibility with leading third-party solutions. The company also integrates environmental, social, and governance (ESG) principles into its operations, aiming to foster a sustainable and inclusive future.

## **Global reach and support**

IAdea's devices operate reliably 24/7 in more than 100,000 commercial locations worldwide. The company provides robust global support, ensuring that partners and customers receive the assistance they need, no matter where they are located.

Tigermeeting is a IAdea Silver partner.

<https://www.iadea.com>

<https://www.iadea.com/partners/tigermeeting/>



# ProDVX: Excellence in Digital Signage Solutions

ProDVX is a leading manufacturer of high-quality digital signage displays and touchscreens, known for their reliability and innovative technology. With over a decade of experience, ProDVX offers a wide range of products designed to meet the needs of various industries.

## Diverse product range

- Signage Displays: Available in sizes ranging from 7 to 22 inches, these displays feature integrated Full HD media players, HDMI input, and are designed for continuous 24/7 use.
- Touch Displays: Interactive touchscreens that enhance user engagement and are ideal for applications in retail, hospitality, and corporate environments.
- Panel PCs: All-in-one solutions with embedded ARM processors, perfect for commercial use.

## Innovative features

ProDVX displays are known for their advanced features, including:

- High Brightness: Up to 300 cd/m<sup>2</sup>, ensuring clear visibility in various lighting conditions.
- Durability: Designed for long product life (3 to 5 years) and continuous usage.
- Ease of Installation: VESA brackets for easy mounting and setup.

## Global reach and applications

ProDVX products are used worldwide in a variety of settings, from advertising and promotional displays to safety instructions and educational videos. Their solutions are trusted by businesses in retail, healthcare, hospitality, and more.

Tigermeeting is ProDVX silver partner.

<https://www.prodvx.com/signage-displays>



## Aurora Multimedia: Innovating digital signage solutions

Aurora Multimedia Corp. is a leading provider of advanced audio-visual solutions, including cutting-edge digital signage products. Known for their innovation and reliability, Aurora's products are designed to enhance and simplify customer applications across various industries.

### Innovative product lineup

Aurora Multimedia offers a diverse range of digital signage solutions:

- **ReAX Touch Panels:** These JavaScript-based touch panels provide powerful control systems with features like 1080p H.264 streaming, 2D/3D graphics engines, and room status lighting.
- **AV over IP Solutions:** High-performance transceivers that support 10G and 1G networks, ensuring seamless video and audio transmission.
- **Interactive Displays:** Touch-enabled displays designed for engaging user experiences in environments such as conference rooms, educational facilities, and retail spaces.

### Commitment to quality and innovation

Aurora Multimedia is dedicated to pushing the boundaries of technology. Their products incorporate state-of-the-art features that surpass typical specifications, ensuring high performance and reliability. The company's commitment to innovation is evident in their continuous development of new and improved solutions for the AV industry.

### Global reach and support

With a strong presence in the global market, Aurora Multimedia provides comprehensive support and distribution for its products. Their solutions are used in various sectors, including corporate, education, healthcare, and hospitality.

Learn more at <https://auroramultimedia.com>



## Qbic: Digital signage solutions leader

Qbic Technology is a leading innovator in the digital signage industry, known for its advanced ARM and Android-based systems. The company specializes in creating high-performance digital signage players and integrated displays that cater to a wide range of applications.

### Product excellence and versatility

Qbic's product lineup includes:

- Digital Signage Players: Robust and versatile players designed to deliver stunning 4K visuals and reliable performance.
- Interactive Displays: Touch-enabled displays that enhance user engagement and interactivity.
- Room Signage Solutions: Award-winning room booking panels and time attendance systems that streamline operations and improve efficiency.

### Commitment to innovation

Qbic is dedicated to pushing the boundaries of technology with its innovative designs and cutting-edge solutions. The company's products are recognized for their reliability, high resolution, and long lifespan. Qbic's commitment to excellence has earned it multiple awards, including the prestigious iF Design Award.

### Global reach and support

With a strong presence in the global market, Qbic's devices are used in various industries, including corporate, education, retail, and hospitality. The company provides comprehensive support to ensure that its partners and customers receive the best possible service and solutions.

Tigermeeting is a distinguished QBic partner:

Learn more at <https://www.qbictechnology.com>

<https://www.qbictechnology.com/partner/tigermeeting/>



# Newland AIDC: Empowering data capture and enterprise mobility

Founded in 1999, Newland AIDC has grown into one of the world's leading innovators in automatic identification and data capture technologies. With more than two decades of R&D expertise, the company delivers advanced solutions that make data collection faster, more accurate, and more intuitive for businesses across the globe.

## Comprehensive Product Portfolio

Newland AIDC offers a broad range of high-performance products, including barcode scanners, mobile terminals, interactive kiosks, and OEM scan engines. Their solutions are engineered to deliver superior 1D and 2D scanning performance, real-time data communication, and seamless integration into diverse applications. From handheld and hands-free scanners to embedded modules and enterprise-grade mobile computers, Newland AIDC provides flexible options tailored to retail, logistics, warehousing, healthcare, transportation, and more.

## Global Reach and Industry Impact

With a strong international presence and partners across more than 60 countries, Newland AIDC ensures that its technologies are accessible to businesses of all sizes. Their commitment to consistent product availability, local support, and durable hardware has made them a trusted provider of scanning and mobility solutions throughout the EMEA region and worldwide.

## Innovation and Quality at the Core

Newland AIDC's success is built on continuous innovation and a dedication to simplifying data capture. Their solutions are designed to enhance everyday workflows — making tasks faster, easier, and more intuitive. With a focus on reliability, performance, and user-centric design, Newland AIDC remains at the forefront of the AIDC industry, driving advancements in barcode scanning, RFID, mobile computing, and embedded scanning technologies.

Tigermeeting is Independent Software Vendor (ISV) partner.

For more information, visit <https://www.newlandaidc.com/en/>

<https://www.newland-id.com/en/isv-partner-overview/>



# Zebra Technologies: Intelligent visibility for the modern enterprise

Zebra Technologies is a global leader in enterprise asset intelligence, empowering organizations to make every worker, workflow, and asset visible and connected in real time. Founded in 1969, the company has grown into a cornerstone of the automatic identification and data capture (AIDC) industry, serving retail, logistics, manufacturing, healthcare, transportation, and many other sectors with mission-critical technology.

## **Comprehensive Solutions for Frontline Excellence**

Zebra delivers an extensive portfolio designed to enhance accuracy, speed, and operational clarity across the entire value chain. Its offerings include rugged mobile computers and tablets, barcode scanners, RFID readers, industrial and mobile printers, card printers, and real-time locating systems. These solutions are engineered for demanding environments, ensuring reliable performance, seamless data capture, and smooth integration into enterprise systems.

Zebra's hardware is complemented by intelligent software platforms that support device management, workflow automation, analytics, and workforce optimization. This combination enables organizations to streamline operations, reduce errors, and make informed decisions based on real-time insights.

## **Innovation at the Core**

Zebra's long-term success is driven by continuous innovation and a commitment to empowering frontline workers. The company invests heavily in R&D to advance barcode scanning, RFID, mobility, and automation technologies. Its solutions are designed with a user-centric approach, focusing on ergonomics, durability, and intuitive operation to support high-pressure, fast-paced environments.

By combining rugged hardware, intelligent software, and deep industry expertise, Zebra Technologies remains at the forefront of enterprise mobility and data capture—helping organizations operate smarter, faster, and more efficiently.

Tigermeeting is Zebra's Independent Software Vendor (ISV)

Read more at <https://zebra.com>

<https://tigermeeting.app/features/zebra-partner>



## Elo Touch Solutions: Touchscreen technology pioneer

Elo Touch Solutions is a global leader in touchscreen technology, recognized for its robust, commercial-grade touchscreens, interactive displays, and modular computing platforms. With more than 50 million installations worldwide, Elo has become a foundational brand in retail, hospitality, healthcare, industrial automation, and corporate environments.

### Product excellence and versatility

- **Touchscreen Displays** — Elo's core product line includes high-durability touch monitors ranging from compact 7-inch units to large-format 65-inch interactive signage. These displays are engineered for 24/7 operation and offer multiple touch technologies (PCAP, IR, SAW) to suit different environments.
- **All-in-One Touch Computers** — Elo's Android and Windows-based touch computers integrate processing power directly into the display, enabling streamlined deployments for POS, self-checkout, kiosks, and industrial control.
- **Open-Frame Touchscreens** — Designed for OEMs and system integrators, these modular units are widely used in ATMs, gaming machines, medical devices, and transportation systems.
- **Interactive Signage** — Large-format touchscreens optimized for customer engagement, wayfinding, and digital signage applications.
- **POS & Kiosk Peripherals** — A broad accessory ecosystem including barcode scanners, payment mounts, printers, and customer-facing displays.

### Commitment to innovation

Elo is known for its engineering rigor and long-term reliability. The company pioneered the first touchscreen in the 1970s and continues to innovate with:

- High-accuracy PCAP touch technology
- Hardened commercial components for 24/7 uptime
- Modular designs that reduce deployment complexity
- Long product lifecycles and stable supply chains
- Seamless integration with EloView, a cloud-based device management platform for remote updates and monitoring

Elo's products are widely recognized for their durability, precision, and ease of integration — making them a preferred choice for mission-critical applications.



<https://www.elotouch.com/> (Elo is part of Zebra)

## ALLNET: Advanced digital signage solutions

ALLNET GmbH is a prominent developer and manufacturer of advanced networking and communications technology, including a wide range of digital signage solutions.

### **Innovative product range**

ALLNET offers a variety of high-performance digital signage products designed to meet diverse needs:

- **High-Performance Displays:** Featuring the powerful RK3588 chipset, these displays deliver exceptional performance with Android 12 and Linux support, 4/8GB RAM, and options for touch interactivity.
- **Interactive Kiosks:** Designed for engaging customer interactions, these kiosks are ideal for retail, education, and public spaces.
- **Room Signage Solutions:** Efficient and stylish solutions for room booking and occupancy management.

### **Cutting-edge technology**

ALLNET's digital signage solutions are built with the latest technology to ensure reliability and high performance. Their products are known for their sleek design, high-resolution displays, and robust functionality.

### **Global reach and support**

With a strong presence in Europe, ALLNET provides comprehensive support and distribution for its products, ensuring that customers receive top-notch service and solutions.

<https://www.allnet.de/en/allnet-brand/produkte/digital-signage/>



# Fangtang/SugarCube: Smart retail and industrial display solutions

Fangtang Intelligent Technology is a leading provider of smart retail and industrial display systems, offering a wide range of embedded touch devices, industrial all-in-one computers, and IoT-driven solutions for modern commercial environments.

## Versatile product portfolio

Fangtang delivers reliable, high-performance hardware designed for demanding use cases:

- Embedded Touch All-in-One Devices: Windows and Android terminals for retail, hospitality, healthcare, and industrial control.
- Wall-Mounted Touch Displays: Slim, interactive displays ideal for digital signage, room booking, and information kiosks.
- Outdoor Waterproof Touch Computers: Fully sealed, weather-resistant systems built for harsh environments.
- RFID-Enabled Touch Terminals: Integrated identification for access control, smart checkout, and automated retail.
- Smart Payment Touch Systems: Self-service payment terminals with intelligent light indicators for user guidance.
- Industrial-Grade Touch Computers: Rugged devices engineered for manufacturing, logistics, and edge-computing applications.

## Technology and customization

Fangtang focuses on IoT-enabled retail and industrial solutions, combining advanced touch interfaces with robust hardware design. The company offers deep customization — from hardware adjustments to functional expansions — ensuring seamless integration into diverse operational environments.

## Service and support

Based in Shanghai's Pudong New Area, Fangtang provides comprehensive technical support and long-term service partnerships for clients across multiple industries.

More at <https://ifangtang.cn/> and <https://sugarinc.cn/>



# Glory Star: Touchscreen & Digital Display Solutions Leader

Glory Star is a global manufacturer specializing in commercial touchscreen technologies, digital signage, and all-in-one interactive displays. With more than 40 years of experience, the company has become a trusted provider of industrial-grade touch solutions across multiple sectors, including retail, fitness, healthcare, hospitality, transportation, and building automation.

## What Glory Star Offers

Glory Star delivers a broad portfolio of professional-grade hardware, including:

- Touchscreen computers (Android & Windows)
- Commercial tablets from 4.3" to 43"
- Digital signage displays
- Outdoor rugged touchscreens
- Stretched displays & e-paper signage
- OEM/ODM customization for specialized applications

Their product lines—such as Nebula, Ultron, Capella, and Magnetar—are designed for 24/7 operation and demanding commercial environments.

## Industry Reach

Glory Star has deployed over 500,000–800,000 touchscreen units worldwide, supporting applications in:

- Fitness equipment interfaces
- Retail kiosks and POS
- Industrial automation
- Self-service terminals
- Healthcare check-in systems
- Smart building control panels

Their solutions are engineered for reliability, long lifecycle support, and seamless integration into enterprise systems. This makes Glory Star a preferred partner for companies seeking stable, scalable, and customizable touchscreen platform.



more at <https://www.glorystartouch.com/>

## Shenzhen Link Technology: Innovative, smart displays

Shenzhen Link Technology Co., Ltd. is a leading developer and manufacturer of high-quality smart LCD display devices and innovative smart electronic products.

### Wide product range

Shenzhen Link Tech offers a diverse array of smart display solutions tailored to various applications:

- **Smart LCD Displays:** Featuring advanced technology, these displays provide high resolution, vibrant colors, and robust performance for a wide range of uses.
- **Interactive Kiosks:** Designed to enhance user engagement, these kiosks are perfect for retail, education, and public spaces.
- **Custom Solutions:** Shenzhen Link Tech excels in creating customized products to meet specific customer requirements, ensuring optimal functionality and design.

### Innovative technology

Shenzhen Link Tech's products are built with the latest technology to ensure reliability and superior performance. Their smart displays are known for their sleek design, high-resolution screens, and innovative features.

### Global support

With a strong presence in both China and the United States, Shenzhen Link Tech provides comprehensive support and distribution for its products, ensuring that customers receive exceptional service and solutions.



Learn more at <https://sz-linktech.com/>

**Shenzhen Link Technology Co., Ltd**

Over 15 Years of Innovation and Quality in Commercial LCD & LED Displays

## ELC: Pioneering smart, touch, and media display solutions

Shenzhen Electron Technology Co., Ltd. (ELC) is a leading provider of advanced smart, touch, and media display devices. Since the founding in 2008, it has been dedicated to delivering innovative and high-quality solutions to meet the diverse needs of our customers across various industries.

### Innovative product lineup

ELC offers a comprehensive range of display solutions designed for different applications:

- Portable TVs: High-resolution and compact televisions for on-the-go entertainment.
- Touchscreen Signages: Interactive displays with precise touch functionality for dynamic advertising and information dissemination.
- Desktop Signages: Sleek and efficient displays ideal for desktop use in professional settings.
- Dual-Screen Signages: Versatile dual-screen setups for enhanced user engagement.
- Edge-Light Tablets: Advanced tablets with edge-lighting technology for superior visual performance.
- Smart Home Panels: Integrated control panels for seamless smart home management.
- Medical Tablets: Robust and reliable tablets designed specifically for medical environments.
- Digital Calendars: Digital display calendars with versatile features for personal and professional use.

### Commitment to quality and innovation

ELC, is committed to pushing the boundaries of technology and ensuring the highest standards of quality. The products are designed with state-of-the-art features that exceed typical specifications, providing high performance and reliability.

### Global reach and support

ELC has a strong presence in the global market, with over 100 million annual shipments and partnerships with more than 400 companies worldwide. The products are available in over 30 countries, ensuring comprehensive support and distribution for our customers. ELC's commitment to excellence and customer satisfaction has earned the ISO9001 Quality Management System certification and recognition as a High-tech Enterprise.



... <https://elclcd.com>

## Levinko: Smart Displays for a Smarter World

Levinko Technology Limited is a seasoned manufacturer of commercial display solutions, specializing in Android-based all-in-one machines, digital signage, and smart display systems. With over a decade of experience and a global footprint, Levinko is redefining how businesses communicate visually.

**Versatile product portfolio** Levinko delivers a wide array of display technologies tailored for modern environments:

- **Interactive Displays:** Designed for dynamic engagement in retail, education, and corporate settings.
- **Digital Signage Solutions:** From vertical advertising machines to stretch bar LCDs, Levinko's signage is built for clarity and impact.
- **Meeting Room Signage:** Sleek, intelligent panels that streamline room booking and communication.
- **Smart Photo Frames & Tablets:** Stylish, connected devices for both personal and professional use.

**Engineering excellence and customization** With five production lines and a dedicated R&D team of over 15 engineers, Levinko offers full OEM and ODM services. Their design-based customization ensures each product meets the unique needs of clients across more than 50 countries.

**Quality and global support** Levinko's commitment to quality is backed by certifications like FCC and ISO 9001. Their after-sales support spans domestic and international markets, ensuring responsive service wherever their products are deployed.

**Innovation in action** By investing 10% of annual sales into R&D and embracing automation, Levinko continues to push the boundaries of display technology—earning the trust of major brands like Samsung, Panasonic, and Honda.

Explore their full range at <http://levinko.com>.



## Rockchip: Innovating System-on-Chip solutions

Rockchip Electronics Co., Ltd. is a leading provider of advanced system-on-chip (SoC) solutions. Since our founding in 2001, we have been dedicated to delivering innovative and high-performance products for a wide range of applications.

### Product lineup

- Rockchip offers a diverse range of SoC solutions designed for various applications:
- Android Tablets: High-performance tablets with advanced multimedia capabilities.
- TV Boxes: Smart TV boxes that provide seamless streaming and media playback.
- Smart TVs: Integrated SoCs for smart TVs with enhanced user experiences.
- E-Book Readers: Efficient and compact SoCs for e-book devices.
- Multimedia Players: Powerful SoCs for multimedia playback and recording.
- Wearable Devices: SoCs for smartwatches and smart glasses.
- IoT Devices: SoCs for Internet of Things (IoT) applications, including smart home devices.

### Commitment to quality and innovation

At Rockchip, they are committed to pushing the boundaries of technology and ensuring the highest standards of quality. The products incorporate state-of-the-art features that exceed typical specifications, providing high performance and reliability. Their dedication to innovation is reflected in continuous development of new and improved solutions for the semiconductor industry.

### Global reach and support

Rockchip has a strong presence in the global market, with offices in Fuzhou, Shanghai, Beijing, Shenzhen, and Hong Kong. Their products are used in various sectors, including consumer electronics, education, healthcare, and hospitality. They provide comprehensive support and distribution for our products, ensuring customer satisfaction and success.

<https://www.rock-chips.com>



# ShiMeta: Innovating AIoT Solutions

Shenzhen Smart Device Technology Co., Ltd. (ShiMeta) is a leading provider of advanced AIoT (Artificial Intelligence of Things) solutions.

## Innovative product lineup

ShiMeta offers a diverse range of AIoT solutions designed for various applications:

- Digital Signage Mainboards: High-resolution mainboards for digital signage, including 1080P and 4K options.
- Edge Computing Boxes: Powerful edge computing solutions for real-time data processing.
- HMI Display Modules: Human-Machine Interface modules for interactive displays.
- AI Algorithms: Advanced AI algorithms for facial recognition, behavior analysis, and more.
- Smart Terminals: Integrated smart terminals for various IoT applications.
- Operating Systems: Customized operating systems, including ShiMetaOS.
- SaaS Cloud Platforms: Cloud platforms for remote device management and data analytics.

## Commitment to quality and innovation

ShiMeta is committed to pushing the boundaries of technology and ensuring the highest standards of quality. Their products incorporate state-of-the-art features that exceed typical specifications, providing high performance and reliability. Their dedication to innovation is reflected in continuous development of new and improved solutions for the AIoT industry.

## Global reach and support

ShiMeta has a strong presence in the global market, with offices in Fuzhou, Shanghai, Beijing, Shenzhen, and Hong Kong.

<https://www.shimeta.com.cn/>

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## iiyama: Excellence in display technology

Founded in 1972, iiyama is a renowned global brand specializing in high-quality display solutions. With a rich history of innovation and a commitment to excellence, iiyama has become a trusted name in the industry, offering a wide range of products including monitors, touch screens, and large format displays.

### **Innovative Display Solutions**

iiyama's product portfolio includes cutting-edge LCD and LED monitors, interactive touch screens, and professional-grade displays designed for various applications such as gaming, business, education, and healthcare. Their products are known for their superior image quality, reliability, and advanced features, catering to the needs of both consumers and professionals.

### **Global presence and manufacturing excellence**

With headquarters in Japan and a strong presence in Europe, iiyama operates globally, serving customers across Asia, Europe, North America, and beyond. Their state-of-the-art manufacturing facilities and rigorous quality control processes ensure that every product meets the highest standards of performance and durability.

### **Commitment to sustainability**

iiyama is dedicated to sustainability, incorporating eco-friendly practices in their product design and manufacturing processes. They strive to reduce their environmental impact by developing energy-efficient products and minimizing the use of harmful materials.

### **Customer-centric approach**

iiyama's success is built on a customer-centric approach, providing tailored solutions and exceptional support to meet the unique needs of each client. Their expertise and commitment to excellence have earned them a reputation as a trusted partner in the display technology industry.

<https://iiyama.com>



# AOPEN: Innovating digital signage and computing solutions

Founded in 1996, AOPEN is a leading global electronics manufacturer specializing in digital signage, small form factor (SFF) computing, and commercial-grade hardware solutions. As a subsidiary of Acer Group, AOPEN has established itself as a pioneer in the industry, delivering innovative and reliable products to meet the diverse needs of businesses worldwide.

## **Product portfolio and expertise**

AOPEN's product range includes digital signage media players, all-in-one touch systems, small form factor PCs, and commercial monitors. Their solutions are designed to provide high performance, durability, and energy efficiency, making them ideal for various applications such as retail, hospitality, education, and healthcare.

## **Global presence and manufacturing excellence**

With headquarters in Taipei, Taiwan, AOPEN operates globally, serving customers across Asia, Europe, North America, and beyond. Their state-of-the-art manufacturing facilities and rigorous quality control processes ensure that every product meets the highest standards of reliability and performance.

## **Commitment to innovation and sustainability**

AOPEN is dedicated to continuous innovation, developing cutting-edge technologies that drive the future of digital signage and computing. They are also committed to sustainability, implementing eco-friendly practices in their manufacturing processes and product designs.

## **Customer-centric approach**

AOPEN's success is built on a customer-centric approach, providing tailored solutions and exceptional support to meet the unique needs of each client. Their expertise and commitment to excellence have earned them a reputation as a trusted partner in the industry.

For more information, visit <https://aopen.com/>



## Allsee Technologies: Pioneering digital signage solutions

Founded in 2007, Allsee Technologies has rapidly emerged as a market leader in the digital signage industry. Specializing exclusively in commercial display and digital signage solutions, Allsee offers a comprehensive range of products designed for 24/7 usage. From high brightness monitors and touch screens to seamless video wall displays, Allsee caters to diverse commercial needs.

### **Innovative solutions and unmatched quality**

Allsee's product portfolio includes cutting-edge digital signage displays, freestanding digital posters, and interactive touch screens. Their solutions are renowned for their reliability, superior image quality, and innovative features. With a focus on delivering supreme product quality and unrivaled customer service, Allsee has built a strong reputation in the industry.

### **Global reach and manufacturing**

With a state-of-the-art manufacturing facility in China, Allsee produces over 2,000 displays daily to meet the demands of their global distribution network. Their products are distributed across Asia, Africa, Europe, the UK, and the US. Allsee's commitment to excellence is further demonstrated by their Queen's Award for Enterprise in the category of Innovation.

### **Sustainability and future growth**

Allsee is dedicated to sustainability, incorporating innovative practices to minimize environmental impact. As they continue to grow, Allsee remains committed to providing tailored digital signage solutions that meet the unique needs of their clients.

For more information, visit Allsee Technologies <https://allsee-tech.com/>



## SWEDX: Your digital signage partner

Founded in 1995, SWEDX is a leading provider of high-quality digital signage solutions. With a focus on innovation and customer satisfaction, SWEDX offers a comprehensive range of products designed to enhance visual communication and engagement.

### **Innovative product range**

SWEDX's product portfolio includes digital displays, kiosks, video walls, and high-brightness outdoor screens. Their solutions are known for their superior image quality, durability, and advanced features, making them ideal for various applications such as retail, hospitality, education, and corporate environments.

### **Global presence**

With headquarters in Sweden, SWEDX operates globally, serving customers across Europe, North America, and beyond. Their state-of-the-art manufacturing facilities and rigorous quality control processes ensure that every product meets the highest standards of performance and reliability.

### **Commitment to sustainability**

SWEDX is dedicated to sustainability, incorporating eco-friendly practices in their product design and manufacturing processes. They strive to reduce their environmental impact by developing energy-efficient products and minimizing the use of harmful materials.

### **Customer-centric approach**

SWEDX's success is built on a customer-centric approach, providing tailored solutions and exceptional support to meet the unique needs of each client. Their expertise and commitment to excellence have earned them a reputation as a trusted partner in the digital signage industry.

For more information, visit SWEDX <https://swedx.se/>



# TouchWo: Innovating touch technology

Founded in 2009, TouchWo is a leading manufacturer and provider of touch screen solutions. With a passion for touch technology, TouchWo has pioneered the development of capacitive touch technology, launching its first 21.5-inch capacitive touch panel PC in 2013. Today, TouchWo offers a wide range of products, including touch screen monitors, panel PCs, and kiosks, catering to various industries globally.

## **Innovative Product Range**

TouchWo's product portfolio includes touch screen monitors, all-in-one touch PCs, and self-service kiosks. Their solutions are designed to provide high performance, durability, and versatility, making them ideal for applications in retail, healthcare, education, industrial control, and more. With sizes ranging from 5 to 110 inches and over 100 configuration options, TouchWo ensures that their products meet the diverse needs of their clients.

## **Global Presence**

With a state-of-the-art manufacturing facility spanning 23,000 square meters and a workforce of over 300 employees, TouchWo controls five core in-house production systems, from R&D and metal processing to touch panel manufacturing and complete PC assembly. Their products are exported to over 150 countries, serving more than 30,000 industry clients worldwide.

## **Commitment to Quality and Innovation**

TouchWo is dedicated to providing consistent quality through experienced staff, strict quality control processes, and in-house production of key materials. Their commitment to innovation is demonstrated by their continuous development of new products and technologies, ensuring that they remain at the forefront of the touch technology industry.

## **Customer-Centric Approach**

TouchWo's success is built on a customer-centric approach, offering flexible OEM/ODM services and tailored solutions to meet the unique needs of each client. Their dedication to excellence and customer satisfaction has earned them a reputation as a trusted partner in the touch technology industry.

For more information, visit <https://touchwo.com/>



## GD Sinmar Electronic Technology Co., Ltd.: Smart innovations

Guangdong Sinmar Electronic Technology Co., Ltd. is a leading manufacturer specializing in electronic technology smart products. With a focus on innovation and quality, Sinmar offers a comprehensive range of products, including face recognition attendance access control systems, digital signage, industrial PCs, capacitive touch screens, self-service kiosks, all-in-one education conference smart boards, and multimedia information publishing system terminals.

### **Innovative Product Range**

Sinmar's product portfolio includes advanced face recognition temperature measurement attendance devices, digital signage, advertising display LCDs, industrial computers, and education conference touch kiosks. Their solutions are designed to provide high performance, reliability, and versatility, catering to various industries such as retail, hospitality, education, and healthcare.

### **Manufacturing Excellence**

With an 8,000 square meter production factory and a dedicated team of professionals, Sinmar ensures the highest quality standards through rigorous quality control processes. Their products are exported worldwide, serving a diverse clientele with many years of export experience.

### **Commitment to Quality and Innovation**

Sinmar is committed to providing consistent quality through experienced staff, strict quality control processes, and in-house production of key materials. Their dedication to innovation is demonstrated by their continuous development of new products and technologies, ensuring that they remain at the forefront of the smart products industry.

### **Customer-Centric Approach**

Sinmar's success is built on a customer-centric approach, offering tailored solutions and exceptional support to meet the unique needs of each client. Their professional sales team provides one-stop service from pre-sales to after-sales, ensuring customer satisfaction and long-term partnerships.

For more information, visit <https://gdsinmar.com/>

The logo for Sinmar, featuring the word "SINMAR" in a bold, blue, sans-serif font. The letters are slightly shadowed, giving it a 3D appearance.

## Insovision Technology Co., Ltd.: Professional OEM & ODM

Insovision is a leading designer and manufacturer of intelligent POS hardware and self-service kiosk solutions. Based in Shenzhen, China, the company specializes in OEM and ODM projects, delivering high-performance terminals tailored to global customer needs.

With over 6,000 square meters of modern production facilities—including touch screen and sheet metal factories—Insovision combines advanced manufacturing with innovative R&D.

### **Their product lineup includes:**

- Curved UHD touch monitors
- Self-service kiosks with integrated payment systems
- Customizable modules: cameras, scanners, printers, NFC, and more

Insovision serves industries such as retail, banking, transportation, and entertainment, offering one-stop solutions from design to delivery. Their commitment to quality is backed by national certifications and patented designs.

### **Core strengths:**

- Modular customization
- End-to-end service
- Certified quality systems
- Global project experience

A temple of precision and innovation – a one stop solution for design and manufacturing.

For more information, visit Insovision's official website <http://insovision.com/>

The logo for Insovision, featuring the word "INSO" in a bold, blue, italicized sans-serif font, followed by "VISION" in a bold, black, italicized sans-serif font.

# AISpeech: Revolutionizing Human-Machine interaction

Founded in 2007, AISpeech is a leading provider of intelligent speech and integrated voice technology solutions. With a mission to enhance human-machine interaction, AISpeech offers a comprehensive range of products and services, including speech recognition, speech synthesis, natural language understanding, voiceprint identification, and emotion recognition.

## Innovative Product Range

AISpeech's product portfolio includes advanced speech recognition tools, natural language processing systems, and AI-powered voice assistants. Their solutions are designed to provide high performance, accuracy, and versatility, making them ideal for applications in automotive, wearable devices, smart home solutions, and more.

## Presence and Manufacturing

With headquarters in Suzhou, China, AISpeech operates globally, serving customers across Asia, Europe, North America, and beyond. Their state-of-the-art manufacturing facilities and rigorous quality control processes ensure that every product meets the highest standards of performance and reliability.

## Commitment to Innovation and Quality

AISpeech is dedicated to continuous innovation, developing cutting-edge technologies that drive the future of human-machine interaction. Their commitment to quality is demonstrated by their comprehensive range of products and services, which are designed to meet the diverse needs of their clients.

## Customer-Centric Approach

AISpeech's success is built on a customer-centric approach, providing tailored solutions and exceptional support to meet the unique needs of each client. Their expertise and commitment to excellence have earned them a reputation as a trusted partner in the intelligent speech technology industry.

Visit AISpeech <https://aispeech.com/>



## Pretech: Customizable smart tablet solutions for every environment

Founded in 2006 and headquartered in Shenzhen, China, Pretech specializes in the design and manufacture of customizable smart tablet PCs powered by Android, Windows, and Linux. With a focus on versatility and integration, Pretech delivers tailored solutions for industries ranging from retail and hospitality to automotive, education, and smart building control.

**Product Versatility:** Pretech offers a wide range of devices including POE wall-mounted tablets, NFC-enabled tablets, smart security gateways, infotainment systems, and stylus-equipped payment terminals.

**Industry Integration:** Their solutions are widely adopted in restaurants, banks, schools, and vehicles—supporting applications like digital signage, access control, POS systems, and rear-seat entertainment.

**Innovation-Driven:** Pretech combines sleek design with robust functionality, enabling seamless deployment in both consumer and industrial environments.

**Global Reach:** With a growing international footprint, Pretech partners with system integrators and solution providers worldwide to deliver smart, scalable hardware platforms.

**Mission and Vision:** Pretech aims to empower businesses with flexible, high-performance tablet solutions that simplify operations, enhance user experience, and drive digital transformation.

Explore their full product range at <https://pretech-e.com>



## HCWY: Industrial-grade All-in-One touch solutions

HCWY (Shenzhen Hongchuangwei Technology Co., Ltd.) is a leading manufacturer of industrial-grade all-in-one touch computers and smart terminals. Based in Shenzhen, China, the company specializes in rugged, customizable hardware platforms designed for demanding environments across retail, manufacturing, healthcare, and smart building sectors.

**Product Range:** HCWY offers Android and Windows-based touch terminals, wall-mounted panels, POE-powered devices, and fanless embedded systems tailored for 24/7 operation.

**Application Versatility:** Their solutions support digital signage, access control, self-service kiosks, automation interfaces, and smart home integration.

**Customization & Reliability:** With a focus on OEM/ODM flexibility, HCWY delivers robust devices with long lifecycle support, high-temperature tolerance, and industrial-grade components.

**Global Reach:** HCWY partners with system integrators and solution providers worldwide, offering scalable hardware platforms for smart environments.

**Mission:** To empower businesses with reliable, customizable touch computing solutions that enhance operational efficiency and user experience.

Learn more at <http://hcwyaio.com>



# Hopestar: High-performance display solutions for every industry

Founded in Shenzhen, China, Hopestar is a leading manufacturer of high-quality display products, specializing in LCD monitors, gaming screens, medical displays, and Android-based all-in-one tablets. With a commitment to precision, innovation, and global reach, Hopestar delivers cutting-edge visual technology tailored for diverse professional environments.

**Diverse Product Portfolio:** From curved gaming monitors with up to 5K resolution and 240Hz refresh rates to ultra-thin LED screens and medical-grade displays, Hopestar offers solutions for e-sports, healthcare, education, and commercial applications.

**Smart Android Terminals:** Their Android AIO tablets support a wide range of interfaces (USB, HDMI, RJ45, SD, etc.) and connectivity options (Wi-Fi, Bluetooth, Ethernet, 3G), making them ideal for smart control, signage, and interactive kiosks.

**Global Presence:** Hopestar collaborates with partners in over 80 countries, delivering reliable display technology for mission-critical environments.

**Certified Quality:** Products meet international standards with certifications including CE, RoHS, FCC, CB, KC, ISO9001, and CCC.

**Mission:** Hopestar aims to empower industries with advanced display solutions that combine performance, durability, and design excellence.

This company is the holding company for Abeloe, Meirun, Elecstar Electronic and many more.

Explore more at <https://www.cnhopestar.com/>



## Portworld Technology: SmartHome solutions

In essence, Portworld (Sunworld) Technology focuses on smart touch technologies across home automation, industrial control, and public digital signage, while also offering modular hardware platforms and tailored manufacturing services for international clients

### Company Profile

- Over 18 years of global export expertise.
- Positioned as a one-stop touch screen solution provider.
- Strong R&D team with hardware and software engineers, delivering OEM/ODM customization, quality control, and full lifecycle support.

**Smart Home Solutions:** Offers touch control panels in various sizes, powered by Rockchip processors (e.g., RK3566), compatible with Android and Linux. These panels act as all-in-one smart home control hubs.

**Digital Signage:** Provides tablets and large-format touch displays for malls, hotels, hospitals, schools, and exhibition halls.

**Industrial IoT:** Supplies embedded tablets, industrial PCs, and IoT boxes designed for automation and monitoring, supporting Android and Debian.

**System on Module (SoM):** Delivers compact, Raspberry Pi-like compute modules and motherboards for custom embedded applications.

**CKD/SKD Services:** Offers flexible hardware assembly and software development support, enabling OEM/ODM clients to integrate Portworld's technology into their own products.

Visit: <https://portworld-solu.com/>



## Abeloe: A trusted OEM/ODM partner

Shenzhen Abeloe Technology Co., Ltd. is a Guangdong-based OEM manufacturer specializing in monitors and display solutions. With over 13 years of experience, the company offers LCD, gaming, CCTV, touch screen monitors, and all-in-one PCs, and is recognized for customization, product inspection, and competitive factory capabilities.

### Main Product Categories

- LCD Monitors – standard and professional use
- Gaming Monitors – high refresh rate, performance-oriented displays
- CCTV Monitors – surveillance and security applications
- Touch Screen Monitors – interactive solutions for kiosks and POS
- All-in-One PCs – integrated computing and display systems

### Strengths

- Full customization – tailored solutions for OEM/ODM clients
- Finished product inspection – quality assurance through third-party checks
- Competitive OEM factory – recognized on Alibaba with strong ratings
- Wide supplier network – cooperation with 35+ factories in recent years

### Market Position

- Ranked among the top suppliers in Cash Register POS solutions on Alibaba.
- Certified by TÜV Rheinland, ensuring compliance and reliability.
- Positioned as a multispecialty supplier with global reach.

Abeloe Technology is a trusted Chinese OEM manufacturer delivering customizable, high-quality monitors and display solutions for gaming, security, retail, and enterprise markets.

More about at: <https://abeloe.en.alibaba.com/>



## TPV Technology: A Global leader in display manufacturing

Founded in 1967 in Taiwan, TPV Technology has grown into one of the world's largest manufacturers of computer monitors and LCD TVs. Headquartered in Hong Kong, the company operates globally, with 12 manufacturing bases and a presence in over 100 countries.

**Market Leadership:** TPV holds a stable 30% market share in monitor shipments, maintaining the No. 1 position for over 20 years.

**Innovative Brands:** TPV owns and distributes products under renowned brands like AOC, AGON, Envision, and Philips (via exclusive licensing agreements).

**Cutting-Edge Manufacturing:** The company is at the forefront of "smart manufacturing," aiming for full digitalization of operations by 2025.

**Global Recognition:** TPV has received prestigious awards, including the Red Dot Awards and CES Innovation Awards, for its innovative designs and premium-quality products.

**Vision and Mission:** TPV strives to lead the global display industry by creating unique value for customers, opportunities for employees, and sustainable benefits for shareholders, while contributing to society through innovation and excellence.

With a commitment to agility, innovation, and executional excellence, TPV continues to shape the future of display technology.

Learn more at <https://tpv-tech.com>



# Tuya: Global IoT intelligence for every industry

Founded in 2014 in Hangzhou, China, Tuya Smart is a world-leading IoT and AI Platform-as-a-Service (PaaS) provider, empowering brands, OEMs, and developers to build, connect, and manage smart devices at scale. With a cloud platform that processes over 100 million device interactions daily and a global footprint spanning China, the United States, Germany, Japan, India, and Colombia. Tuya delivers the infrastructure behind millions of smart products worldwide.

## Comprehensive IoT Ecosystem

Tuya offers a full-stack IoT development environment, including:

- Hardware development tools
- IoT cloud services
- App SDKs and OpenAPI integrations
- Smart industry solutions

This ecosystem enables rapid development of smart home, smart business, smart city, and industrial IoT applications.

## Powerful Cloud & AI Platform

Tuya's cloud platform provides full-lifecycle device management, secure global cloud deployment, AI-driven automation and analytics, seamless cross-device interoperability. Tuya's infrastructure adheres to global information security standards and regulatory requirements, ensuring reliability for enterprise-grade deployments.

## Mission

Tuya's mission is to accelerate the smart transformation of industries, enabling businesses to create intelligent, connected products with minimal complexity and maximum global reach.

Explore more at <https://tuya.com>



## SUNMI: Intelligent business device innovator

SUNMI is a global pioneer in Android-powered commercial IoT solutions, delivering smart POS terminals, mobile payment devices, kiosks, and enterprise-grade hardware designed to modernize retail, hospitality, logistics, and service industries. With a strong ecosystem built around the SUNMI OS and cloud management tools, the company enables businesses to operate more efficiently and deliver seamless customer experiences.

### Product excellence and versatility

- Smart POS Terminals — SUNMI's flagship Android POS systems combine high-performance hardware with sleek industrial design. They support omnichannel payments, advanced peripherals, and 24/7 commercial operation.
- Mobile Payment Devices — Rugged handheld terminals for in-store mobility, delivery operations, and field services, featuring integrated scanners, printers, and secure payment modules.
- Self-Service Kiosks — Large-format kiosks designed for ordering, ticketing, and customer interaction, widely used in QSR, retail, and transportation.
- Enterprise Tablets — Durable Android tablets optimized for inventory management, logistics workflows, and front-of-house operations.
- IoT & Cloud Ecosystem — SUNMI Cloud provides remote device management, app deployment, analytics, and fleet monitoring, enabling scalable enterprise operations.

### Commitment to innovation

SUNMI is known for its design excellence, Android expertise, and deep integration between hardware, software, and cloud services. Key innovation pillars include:

- Commercial-grade Android OS (SUNMI OS) optimized for business applications
- High-reliability components for continuous operation
- Modular designs supporting diverse peripherals and workflows
- Strong developer ecosystem with thousands of business apps
- Award-winning industrial design recognized globally
- SUNMI's products are engineered for long lifespan, operational stability, and seamless integration into modern digital business environments.

SUNMI devices are deployed in over 150 countries, powering digital transformation.



Find out more at <https://sunmi.com>

## Milesight and ulnk: IoT hardware and ultra-low-power e-paper displays

Milesight is a global provider of IoT and video-surveillance hardware, offering integrated solutions for smart buildings, smart cities, industrial automation, and security. Founded with a strong R&D and manufacturing focus, Milesight delivers cameras, sensors, gateways, and networking equipment designed for reliable field deployment and scalable system integration.

ulnk is Milesight's e-paper display brand focused on ultra-low-power digital signage and sustainable information displays. ulnk panels combine e-paper readability with IoT connectivity to enable long-life, battery-operated signage for indoor and outdoor applications.

### What Milesight and ulnk offer

- AI-enabled IP cameras and video analytics
- Industrial routers, gateways, and LoRa/LoRaWAN network devices
- Environmental and industrial sensors (temperature, humidity, air quality, motion)
- Edge and cloud integration tools, SDKs, and OEM/ODM services

### ulnk product portfolio

- E-paper display panels and framed signage in multiple sizes
- Battery-optimized controllers and mounting accessories
- LoRa/LoRaWAN and other IoT connectivity options for remote updates
- Reference integrations and firmware for rapid deployment

### Industry strengths

- Integration: Hardware designed to work together across sensing, connectivity, and display layers.
- Energy efficiency: ulnk's e-paper displays minimize power consumption and reduce paper waste.
- Scalability: Milesight's networking and gateway products support large deployments and multi-site management.
- Manufacturing and support: End-to-end product development, firmware support, and options for OEM/ODM partnerships.

More info at <https://www.milesight.com> and <https://www.uink.com/>



# Allwinner Technology: ARM SoC solutions for embedded devices

Allwinner Technology is a leading fabless semiconductor company specializing in ARM-based system-on-chip (SoC) solutions for consumer electronics, industrial systems, and IoT devices. Founded in 2007 and headquartered in Zhuhai, China, Allwinner has become widely recognized for delivering cost-efficient, power-optimized, and highly integrated SoCs used in millions of devices worldwide.

## What Allwinner Offers

Allwinner designs a broad portfolio of SoCs tailored for embedded and multimedia applications, including:

- Application processors (A-series, H-series, R-series)
- Industrial and automotive-grade processors
- AI-enhanced SoCs with neural processing units
- Low-power IoT microcontrollers
- Reference designs and SDKs for rapid development

Their chips power a wide range of devices such as tablets, smart displays, automotive infotainment systems, industrial controllers, smart home hubs, and multimedia players.

## Industry Reach

Allwinner SoCs are deployed in hundreds of millions of devices globally, thanks to their:

- High integration (CPU, GPU, VPU, DSP, connectivity)
- Competitive pricing
- Strong multimedia performance
- Broad ecosystem support
- Long lifecycle availability

This makes Allwinner a popular choice for OEMs and ODMs building cost-sensitive or high-volume products – also enables rapid product development while keeping hardware costs under control.



Visit Allwinner at <https://www.allwinnertech.com/>

# MIO-LCD Technology Co: LCD/LED monitors and AIO PCs

MIO-LCD is an OEM and ODM manufacturer based in Shenzhen that produces a wide range of display and all-in-one PC products for commercial, industrial, retail, and kiosk applications. The company emphasizes manufacturing scale, customizable solutions, and end-to-end support for customers seeking branded displays or integrated systems.

## What MIO-LCD offers

- LCD/LED monitors — desktop and industrial panels.
- Touchscreen monitors and open-frame touch panels for kiosks and interactive signage.
- Android and Windows All-In-One PCs for POS, hospitality, and digital signage.
- Advertising displays and outdoor/industrial rugged screens with high-brightness and IP-rated options.

## Manufacturing and services - OEM/ODM capabilities

- Large production footprint with multiple assembly lines, dust-free workshops, and aging rooms.
- Engineering and customization: hardware design, firmware/software integration, logo and packaging customization, and pre-installation of customer apps.
- After-sales and warranty options with flexible policies and technical support for integration projects.

## Typical applications

- Retail and hospitality: POS terminals, self-service kiosks, menu boards.
- Industrial and outdoor: rugged touch panels, operator consoles, outdoor signage.
- Corporate and education

Homepage <https://www.mio-lcd.com/>



## Mimo Monitors: Small displays, touchscreens, and AV solutions

Mimo is a US-based engineering and manufacturing company focused on small displays, touchscreens, tablets, and commercial AV solutions for integrators and enterprise customers. The company emphasizes customer-centric engineering, customization, and cloud-based device management for fleets of displays.

### Company profile

- A family-owned business that is on the market since 2008
- Headquarters: United States with global sales and support.
- Core focus: Small-format HDMI/USB displays, open-frame touch monitors, tablets, and integrated AV accessories.
- Differentiator: US-based engineering and customer service team that supports customization and systems integration.

### Key product families

- Open frame and touch monitors — capacitive touch, multiple sizes for kiosks and embedded installations.
- Tablets and small displays — Android and Linux-capable tablets for POS, meeting rooms, and digital signage.
- Commercial signage and outdoor displays — high-brightness and ruggedized options for public spaces.
- AV accessories and overlays — FlashCast visual alert overlay and other hardware to integrate real-time alerts and overlays into existing HDMI infrastructures.

### Solutions and use cases

- Digital signage and retail — shelf displays, in-aisle touchpoints, and promotions
- Kiosks and self-service — open-frame touch panels for kiosks, wayfinding, and interactive exhibits.
- Enterprise and education — room scheduling, collaboration displays, and classroom engagement tools.
- Emergency and real-time alerting — FlashCast overlays for instant, targeted alerts



visit: <https://mimomonitors.com>

## Shining Ltd: The truly shining digital signage

Shining is a family of technology companies delivering two complementary hardware ecosystems: SHINING 3D (high-precision 3D scanning, modelling and dental/industrial workflows) and Shining Ltd (end-to-end digital signage and interactive displays). Together they serve manufacturing, healthcare, retail and education with scalable, production-ready devices and software.

Shining Ltd (Shining International / Shining Ltd) — Established in 2004 as a digital-signage OEM, offering a wide range of indoor/outdoor LCD displays, touchscreens, kiosks and cloud content players for advertising, retail and transit applications. The firm supports OEM/ODM projects and holds quality certifications (CE/ROHS/UL where applicable).

### Core offerings

- High-accuracy 3D hardware & software: portable and desktop scanners, dental intraoral scanners, and end-to-end dental workstations that streamline scanning → modelling → printing workflows.
- Commercial digital signage: Android/Windows signage players, waterproof/outdoor displays, interactive touch kiosks and cloud content management for centralized updates and campaigns.
- Services & customization: OEM/ODM manufacturing, software integration, technical support and global distribution channels to scale deployments.

### Value proposition

- Precision and reliability for engineering and dental customers through decades of focused R&D and validated production lines.
- Turnkey visual communications for brands and venues via robust displays and content management that reduce operational overhead.
- Global support and manufacturing capacity enabling fast prototyping, certification and volume production for enterprise customers.

Read more about at <https://shiningltd.com>



Digital  
signage



# Honeywell: The true giant

Honeywell International Inc. is a publicly traded multinational conglomerate headquartered in Charlotte, North Carolina. Founded in 1906, it operates worldwide across multiple business segments and employs about 101,000 people. Annual revenue is roughly \$37 billion (2025).

## Core offerings

- Aerospace Technologies — avionics, propulsion components, connectivity and flight-safety systems for commercial and defense aircraft.
- Building Automation and Controls — building management systems, HVAC controls, security and energy-management solutions for commercial and industrial facilities.
- Process Automation and Industrial Solutions — distributed control systems, sensors, safety systems, and software for oil & gas, chemicals, and manufacturing.
- Industrial Products and Services — sensors, actuators, and aftermarket services that support long lifecycle industrial assets.

## Value proposition

- Scale and reliability: Honeywell's global manufacturing, certification experience, and large installed base make it a dependable partner for mission-critical systems.
- Integrated hardware + software: Honeywell Forge and other software platforms connect devices to analytics and operations, enabling predictive maintenance and optimization.
- Cross-industry expertise: deep domain knowledge across aerospace, buildings, and industrial processes lets Honeywell deliver end-to-end solutions.

## Target customers and use cases

- Airlines and OEMs: upgrades, connectivity, and lifecycle services for aircraft fleets.
- Commercial real estate and facilities: energy optimization, occupant comfort, and integrated security for large buildings and campuses.
- Process industries: control systems, safety instrumentation, and digitalization for refineries, chemical plants, and utilities.

# Honeywell

Visit <https://honeywell.com>

# Datalogic: Precision in data capture and industrial automation

Datalogic is a global technology leader headquartered in Bologna, Italy, specializing in automatic data capture, industrial automation, and vision systems. Founded in 1972, the company operates in more than 120 countries and employs over 3,000 people worldwide.

## Core offerings

- Barcode Scanners — handheld, presentation, and rugged scanners used in retail checkout, warehousing, and field operations.
- Mobile Computers — enterprise-grade Android devices for inventory, picking, and workforce mobility.
- Industrial Sensors — photoelectric, safety, and measurement sensors for automation.
- Machine Vision & Laser Marking — smart cameras, vision processors, and marking systems for quality inspection and traceability.
- OEM Scan Engines — embedded modules for kiosks, medical devices, and industry

## Value proposition

- High-precision scanning: Datalogic is known for exceptional decoding performance, especially in retail POS and high-speed logistics environments.
- Industrial-grade reliability: Products are engineered for harsh conditions, with long lifecycle support and robust mechanical design.
- Automation expertise: Deep experience in manufacturing and industrial sensing enables end-to-end automation solutions.

## Target customers and use cases

- Retail & Grocery: POS scanning, self-checkout, inventory management, and price verification.
- Logistics & Transportation: parcel sorting, warehouse picking, and automated conveyor scanning.
- Manufacturing: quality inspection, traceability, safety sensing, and robotics integration.
- Healthcare: medication administration, specimen tracking, and patient identification.



Visit: <https://www.datalogic.com>

## Urovo: Agile mobility for retail, logistics, and healthcare

Urovo Technology Co., Ltd. is a fast-growing Chinese enterprise mobility and data-capture manufacturer headquartered in Shenzhen. Founded in 2006, the company focuses on Android mobile computers, payment terminals, and industrial scanning solutions. Urovo operates in more than 100 countries and employs over 1,500 people.

### Core offerings

- Mobile Computers - rugged Android handhelds for inventory, picking, and delivery.
- Payment Terminals - Android POS devices with integrated scanners and secure payment modules.
- Barcode Scanners - handheld and embedded scanners for retail, logistics and industry
- Wearable & IoT Devices - ring scanners, wearable computers, and IoT tracking.
- Industry Software Solutions - device management, logistics applications, and enterprise mobility platforms.

### Value proposition

- Cost-efficient performance: Urovo delivers enterprise-grade hardware at competitive pricing, making it attractive for large-scale deployments.
- Vertical specialization: Strong focus on retail, logistics, and healthcare workflows with tailored device designs.
- Integrated mobility ecosystem: Hardware, software, and accessories designed to work together for seamless operations.
- Rapid innovation cycles: Frequent product updates and modern Android platforms ensure long lifecycle support.

### Target customers and use cases

- Retail & Supermarkets: price checking, inventory, mobile POS, and shelf management.
- Logistics & Warehousing: picking, sorting, parcel scanning, and route optimization.
- Healthcare: patient identification, medication tracking, and mobile nursing workflows.
- Field Services: inspections, meter reading, and mobile workforce management.



Visit: <https://www.urovo.com>

## Beloong LCD: Precision displays for modern enterprise solutions

Beloong LCD is a leading manufacturer of high-reliability commercial displays, engineered for environments where clarity, durability, and long-term stability truly matter. With a strong focus on industrial-grade components, Beloong LCD delivers screens that perform consistently in meeting rooms, kiosks, retail spaces, transportation hubs, and 24/7 digital signage deployments.

Their product line spans touch displays, embedded Android panels, PoE-powered signage, and custom-integrated LCD modules, giving integrators and solution providers the flexibility to build dependable, future-proof systems.

### **Beloong LCD stands out through:**

- Industrial-grade quality — long-lifecycle components, stable supply chains, and robust construction
- Enterprise-ready performance — optimized for continuous operation and demanding environments
- Flexible integration — Android, Linux, and custom firmware options for OEM/ODM projects
- Global support — engineering-driven assistance for partners and system integrators

Beloong LCD's mission is simple: deliver dependable display hardware that empowers software partners to build exceptional user experiences.

Ideal choice for Integrators, VARs, and Solution Providers

Whether customers are deploying meeting room panels, digital signage, industrial terminals, or interactive kiosks, Beloong LCD provides the hardware foundation that ensures the solution remains stable, responsive, and visually flawless.



Visit <https://www.beloonglcd.com/>

## Birch: Auto-ID and POS technology pioneer

Birch Technology Inc. is a long-established innovator in the Auto-ID, POS, and commercial touch-system industry, known for its engineering-driven product design and broad hardware portfolio. Founded in 1992, Birch blends advanced mechanism design, motherboard engineering, and industrial reliability to deliver practical, affordable solutions for retail, hospitality, banking, public sector, and industrial markets.

### Product excellence and versatility

- All-in-One Touch Systems — Birch offers a full series of desktop and mobile all-in-one touch computers designed for POS, kiosks, and customer-facing applications.
- Barcode Scanners — A wide range of 1D/2D scanners engineered for retail checkout, logistics, and industrial workflows.
- Label & Mobile Printers — Compact, rugged printers including the BM-i2 mobile printer line, supporting USB-C and Bluetooth connectivity.
- Kiosk & Modular Systems — Modular rigid systems and kiosk solutions tailored for self-service, banking, ticketing, and public-sector deployments.
- Touch Monitors & Peripherals — Commercial-grade touch displays, price checkers, NFC/RFID modules, and a wide accessory ecosystem.

### Global reach and industry impact

Birch serves diversified verticals including retail and F&B, kiosks and self-service, banking and finance, public sector and industrial automation.

Birch is recognized for its strong engineering culture and ISO 9001:2015-compliant production processes, ensuring consistent quality and reliability.

With more than 30 years of experience and a strong presence in Taiwan and Europe, Birch supports partners worldwide with installation services, engineering support, and a comprehensive product ecosystem.



Visit <https://www.e-birch.com/>

# Steinel: Intelligent lighting and sensor-technology innovator

Steinel is a global leader in sensor-controlled lighting, building intelligence, and automated environmental management. Known as “the inventors’ company”, Steinel has been developing breakthrough technologies since 1959, registering more than 300 patents and creating over 3,000 products that have shaped and sometimes revolutionised entire industries.

## Product excellence and versatility

- Intelligent Lighting Systems — Sensor-controlled LED luminaires designed for efficiency, comfort, and sustainability. Steinel’s lighting activates only when needed, reducing energy consumption and environmental footprint.
- Advanced Sensor Technologies — Motion detectors, presence sensors, and building-intelligence sensors that make modern buildings safer, more efficient, and future-proof.
- Building Intelligence Solutions — Integrated systems for workspace management, automated lighting control, and data-driven building optimisation.
- Connected & App-Configured Systems — Networked luminaires and sensor ecosystems that can be configured quickly via mobile apps, enabling scalable deployments across commercial buildings.
- Industrial Tools & Components — Precision mechanical engineering solutions, stamping technology, and high-quality tool components produced by Steinel’s specialised divisions.

## Global reach and industry impact

Steinel develops and manufactures its products in dedicated innovation centres across Germany, Switzerland, the Czech Republic, Romania, and Moldova, ensuring high quality and tight control over production.

Its solutions are distributed in over 80 countries, serving architects, planners, electricians, investors, and end-users worldwide.



Visit: <https://steinel.de>