



Tigermeeting

Android Setup manual

Version 3.4.1

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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

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** 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
 - devices' weather service and NFC 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

The Tigermeeting solution is one of the most advanced meeting room management products on the market, since 2018.

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.

We see that our product is able to provide great and affordable service for schools, universities, offices and organizations with simple, functional, efficient and reliable meeting room management solutions - 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 and iCalendar - fitting easily into the most networked room booking ecosystems.
- **Analytics** - provides a glimpse over the company's meeting culture, people's habits as well as 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.



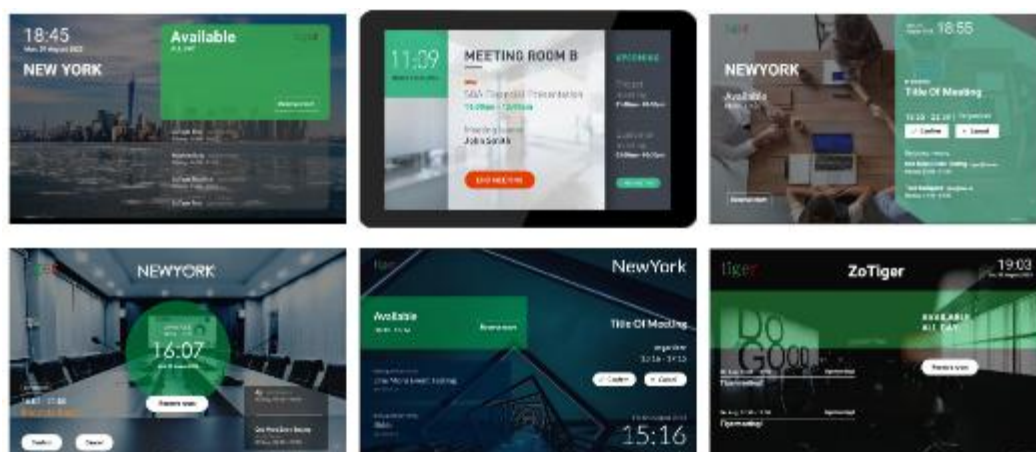
Tigermeeting products

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. 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 the most screens / tablets / phones that run Android operating system version 4.1 or higher.

Tigermeeting's primary choice are 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 on 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 licence fee - very popular among the schools - especially, that educational institutions from developing countries can apply for licence discount.

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.



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

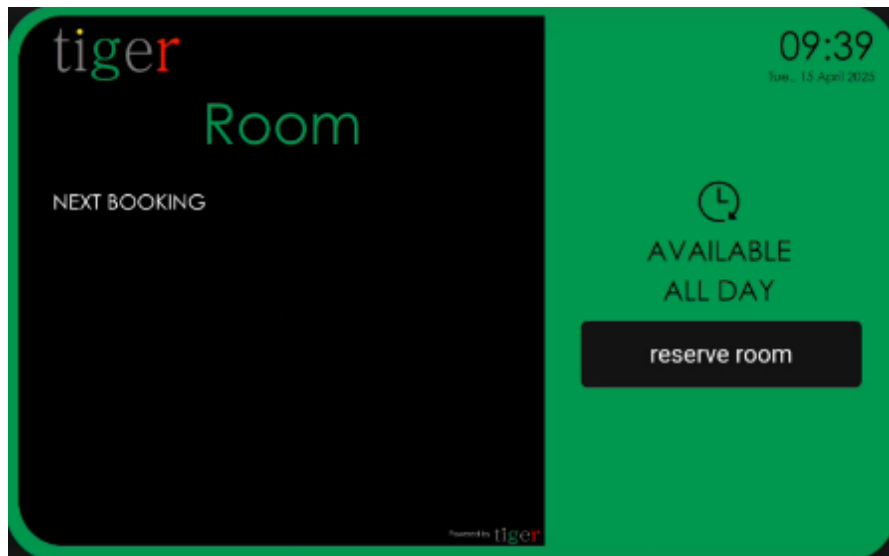
Installation on Android tablets and screens

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: 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.

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.

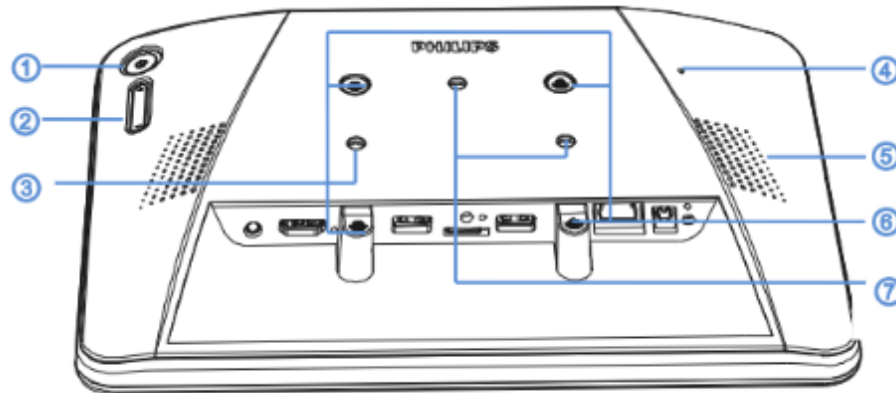
Enable NFC

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)

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:

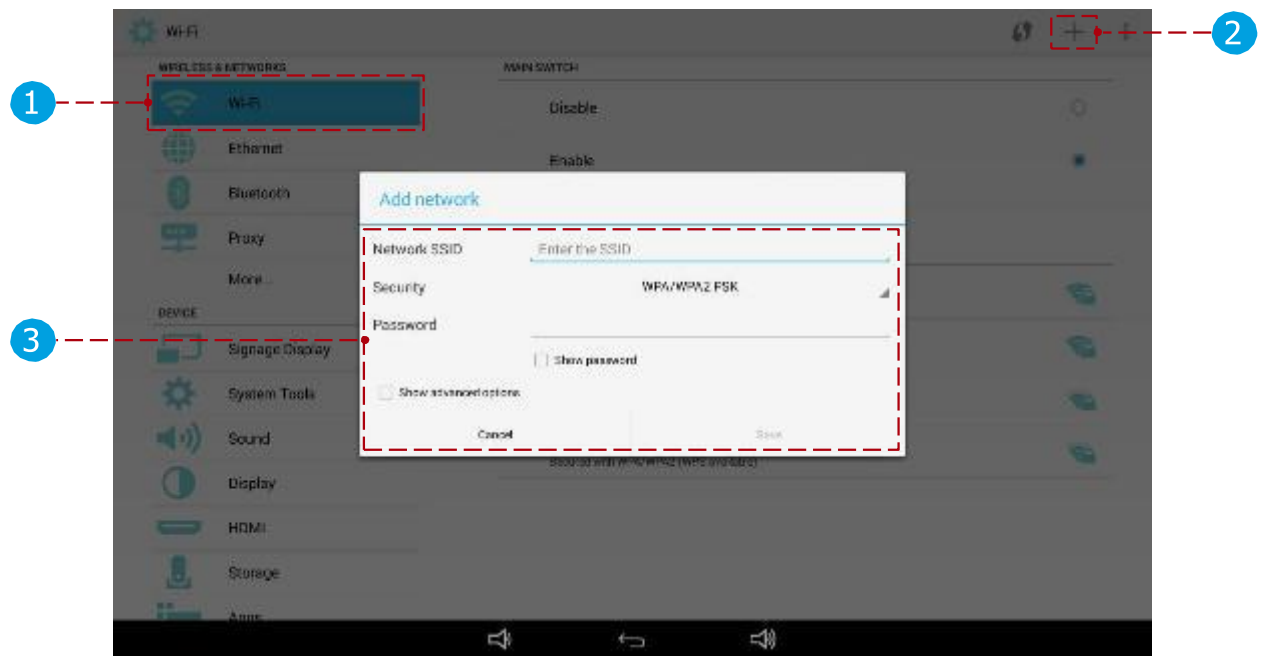
① Turn on the device and enter the Admin mode.

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

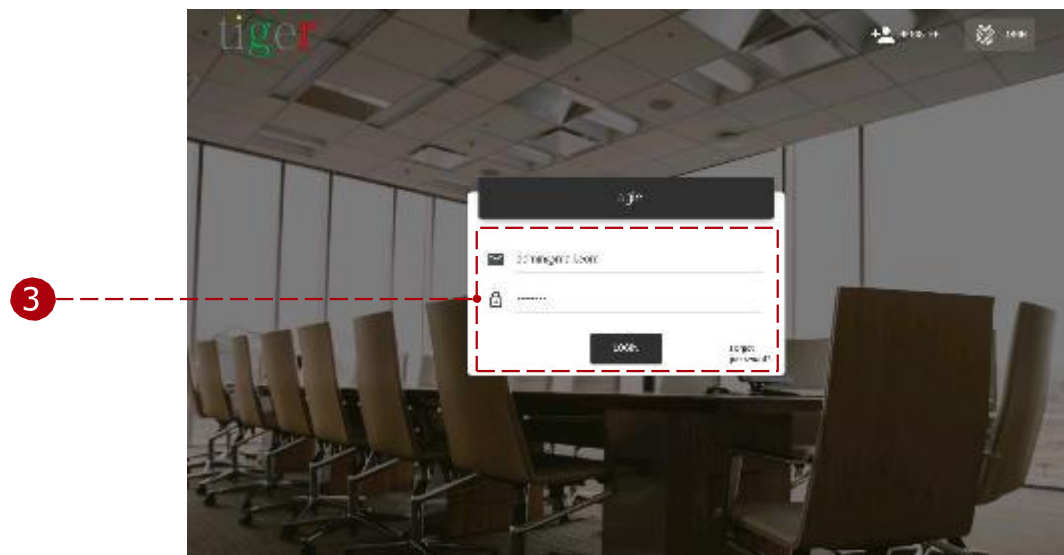
① Under device Settings, "Wireless & network" select Wi-Fi connection.

② Add network and add network parameters.

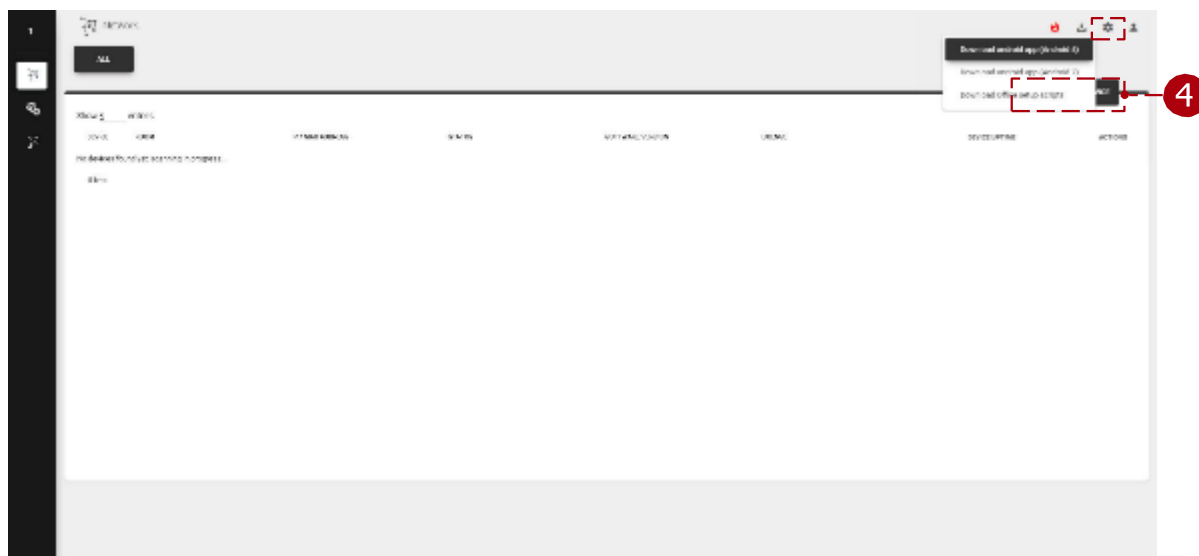
③ Save and connect to the network.



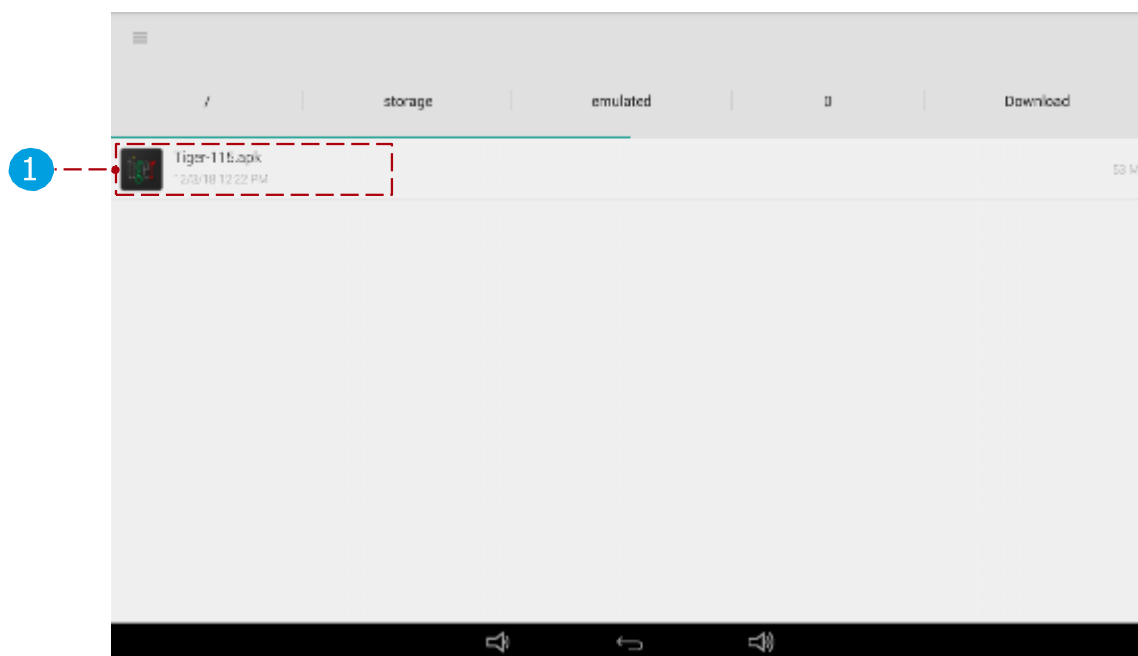
3 Start the Tigermeeting admin application and log in.

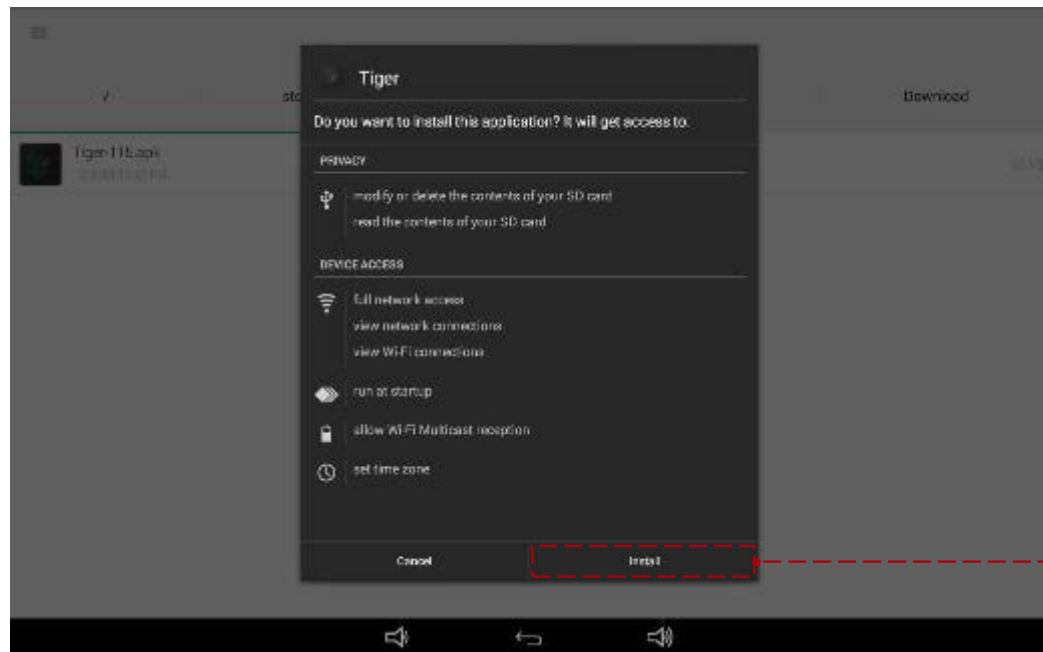


- 4 Download the Tigermeeting android application from the admin application.



- 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"

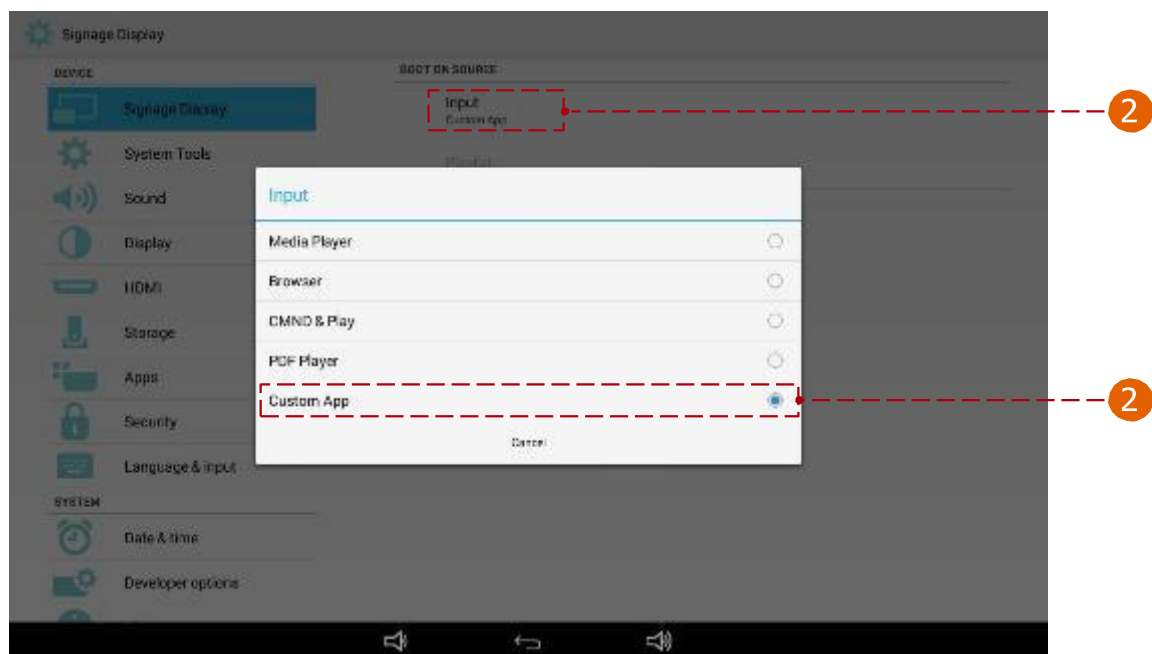
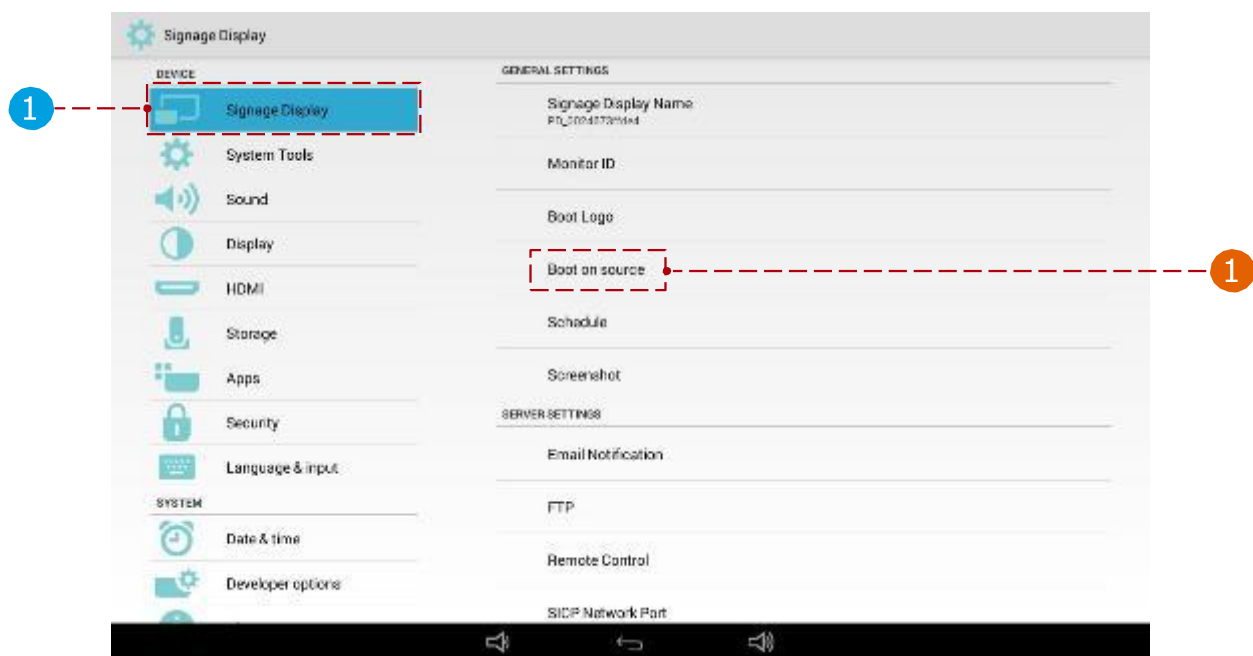
2 Under "General Settings" submenu open "Boot on source".

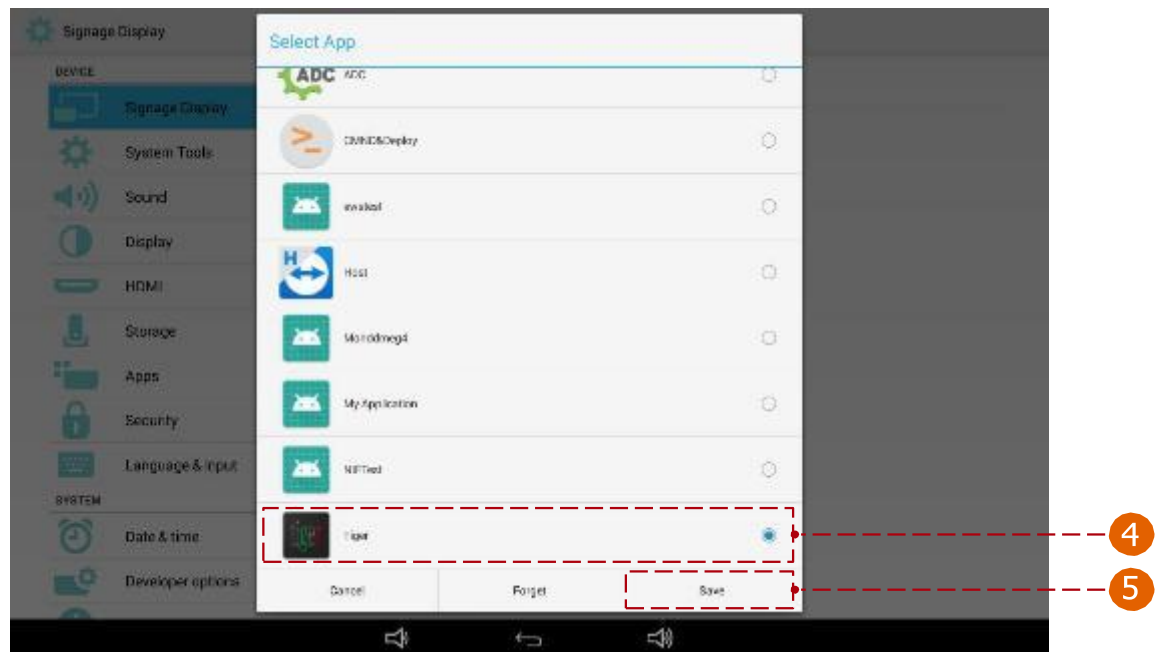
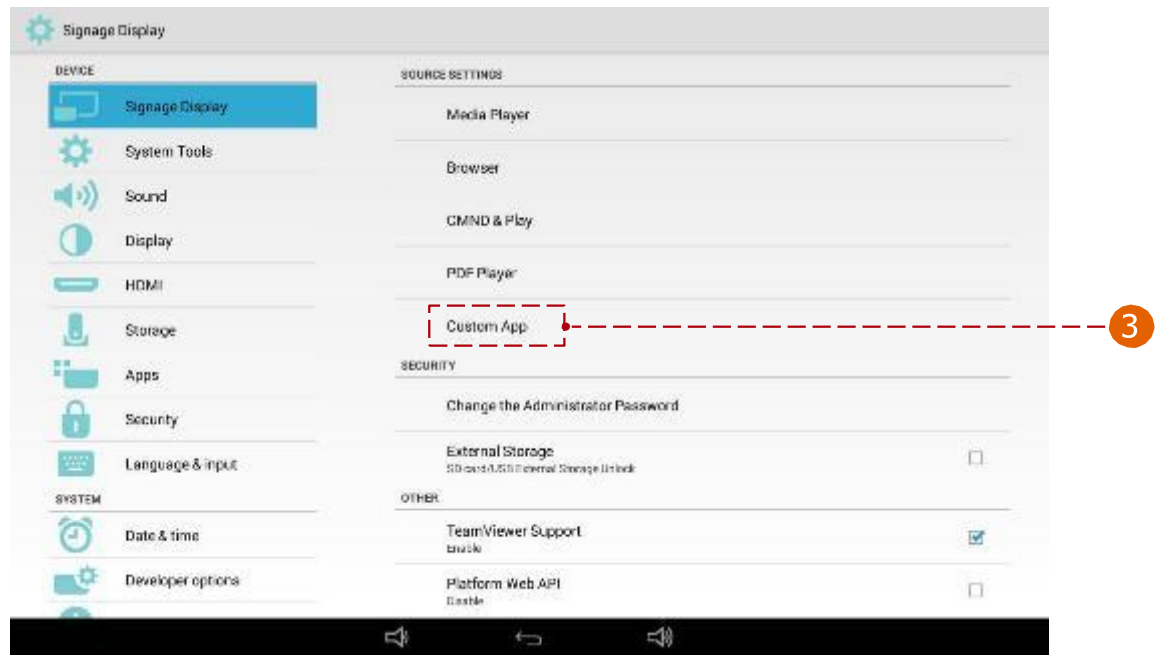
3 Change "Input" parameter to "Custom App".

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

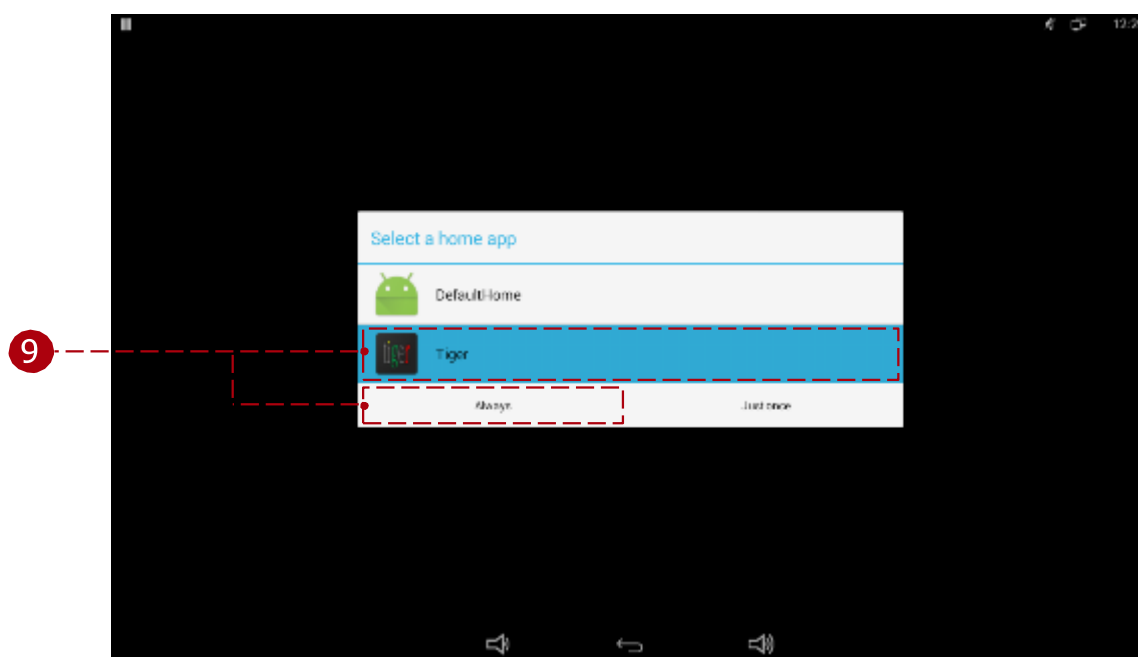
5 Select the "Tigermeeting" application.

6 Save the settings.





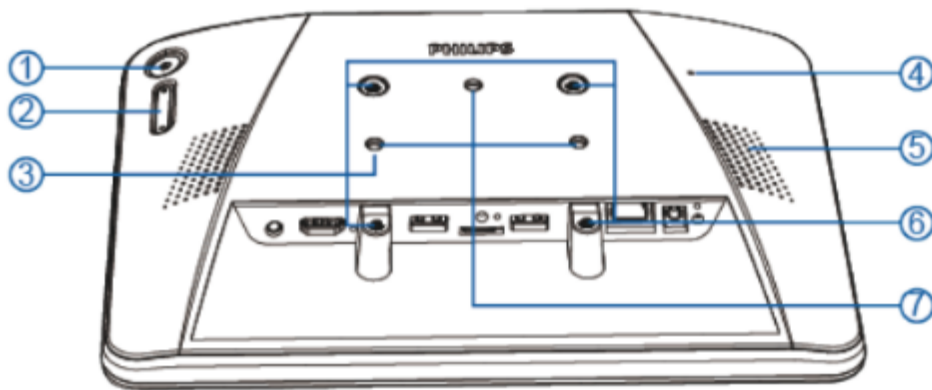
- 9 Go back to the main screen and select always the Tigermeeting application as "Home app". From here the device is configured and ready to work.



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):



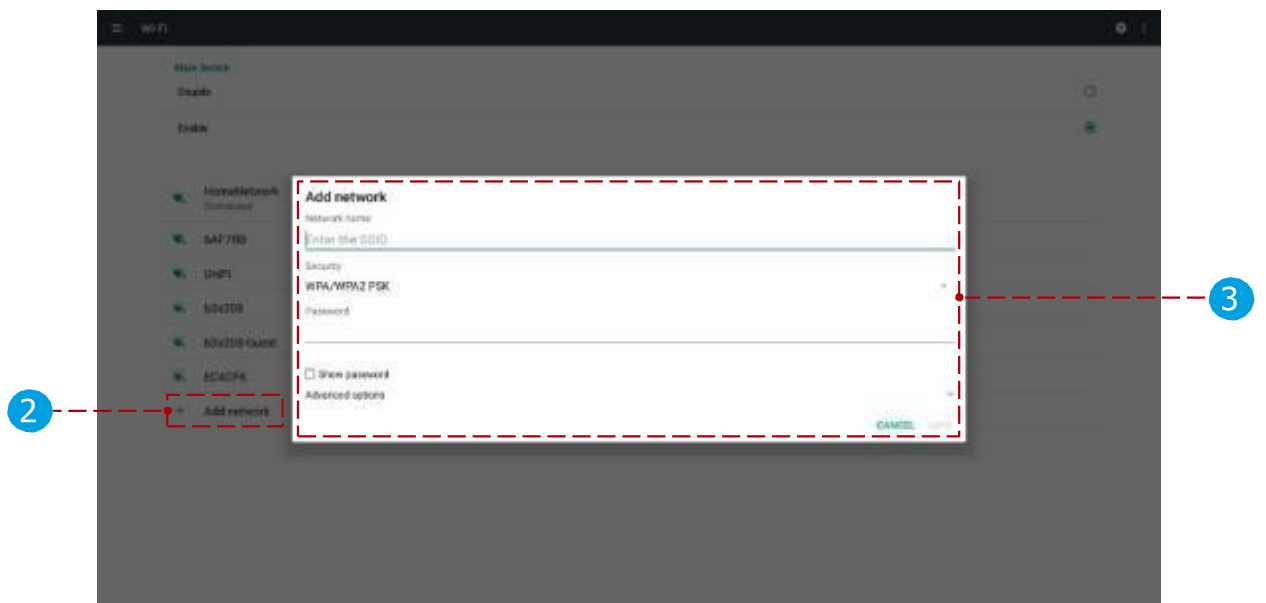
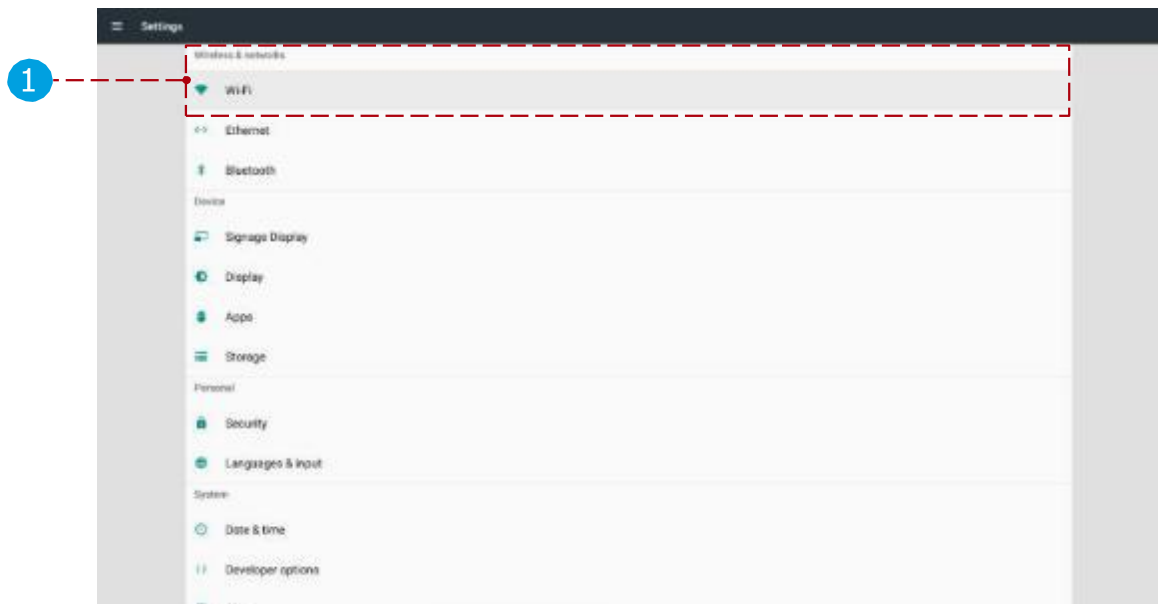
- ① [Menu] Button
- ② [Volume +/-]
Volume up and down

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

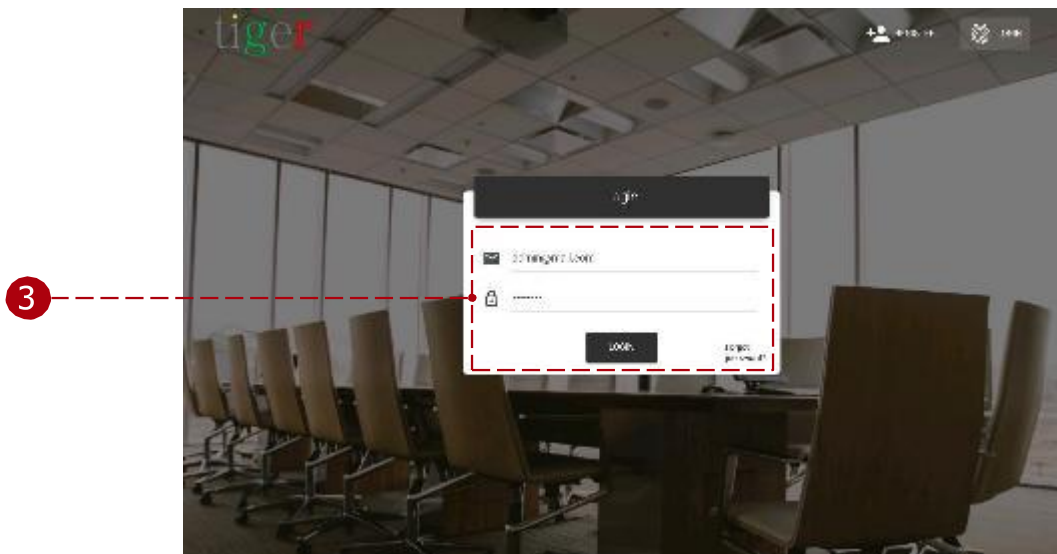
- ③ [Stand screw hole]
- ④ [Reset] Button
Factory Reset
- ⑤ [Speaker Hole]
- ⑥ [VESA mount]
Screw spec: M4
- ⑦ [Wall Mount Screw Hole]

Please, follow the installation steps:

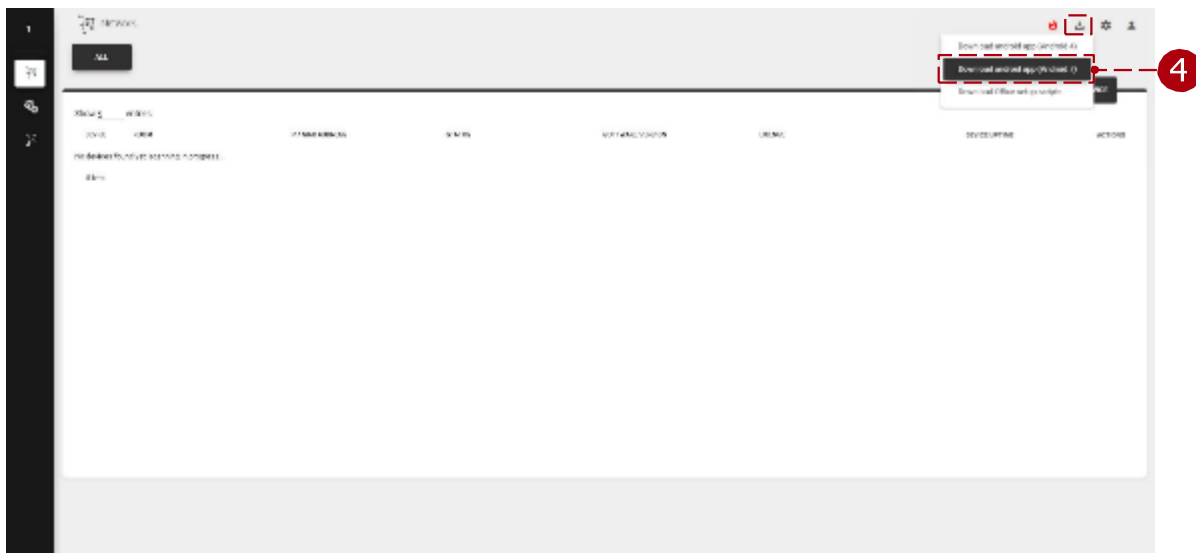
- ① Turn on the device and enter the Admin mode.
- ② Set the network connection: Select Wi-Fi or Ethernet connection. Check connection state.
 - ① Under device Settings, "Wireless & network" select Wi-Fi connection.
 - ② Add network and add network parameters.
 - ③ Save and connect to the network.



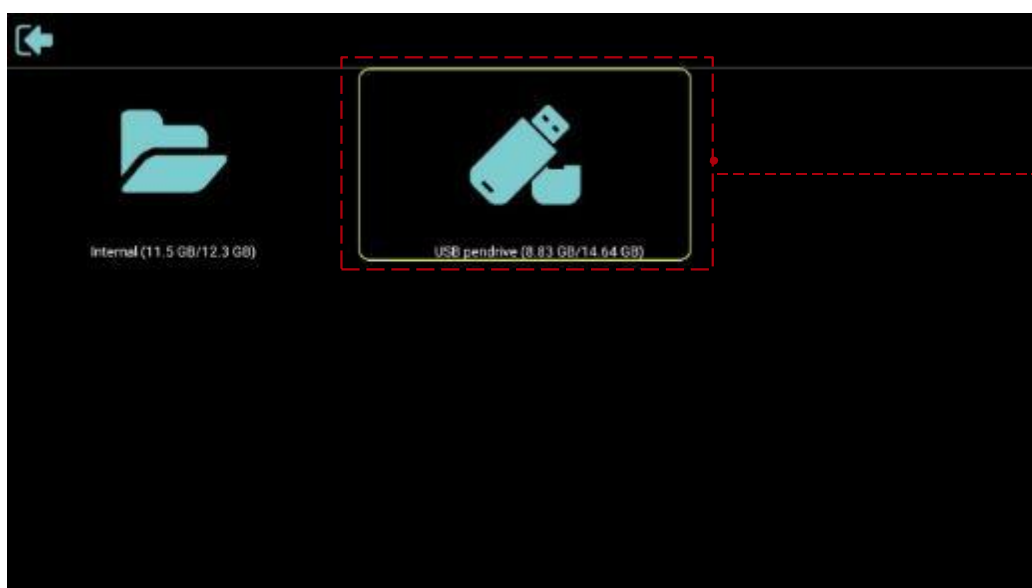
- 3 Start the Tigermeeting admin application and log in.

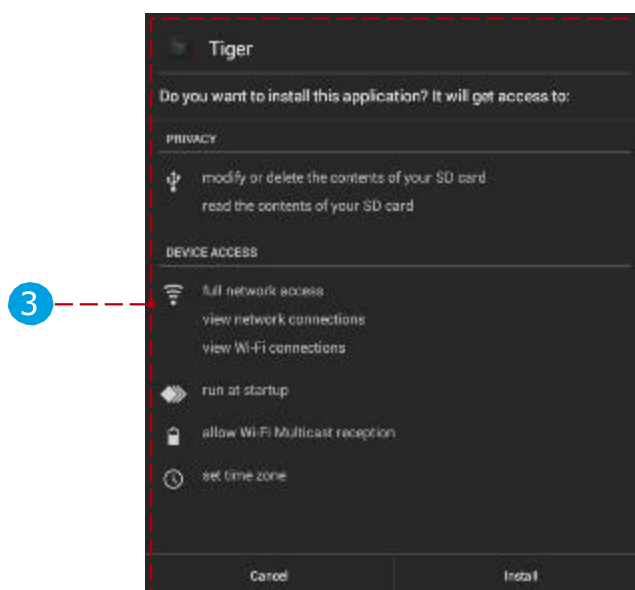
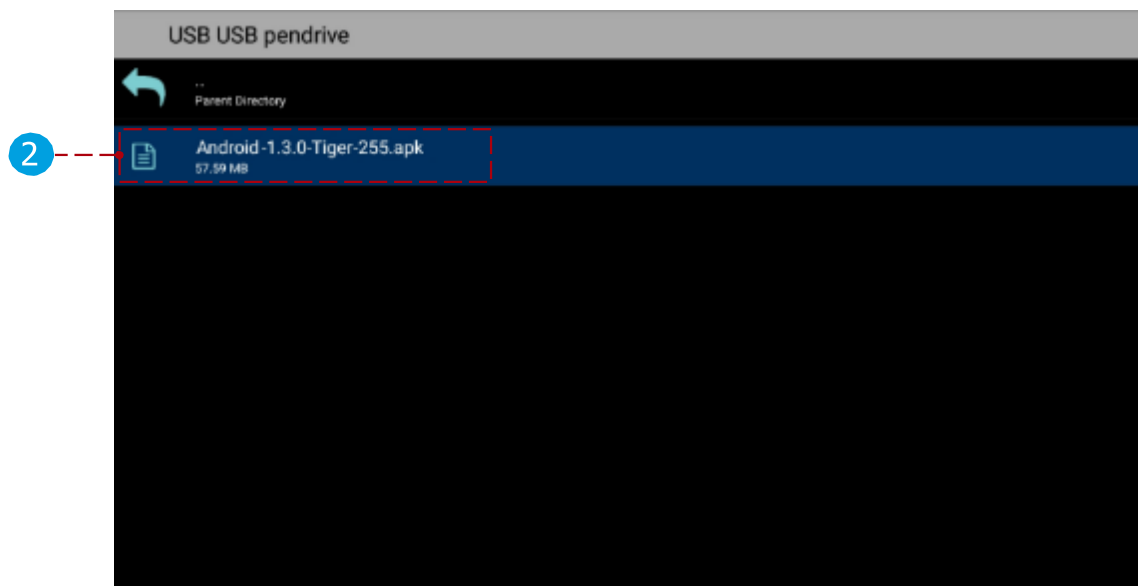


- 4 Download the Tigermeeting android application from the admin application.



- 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.



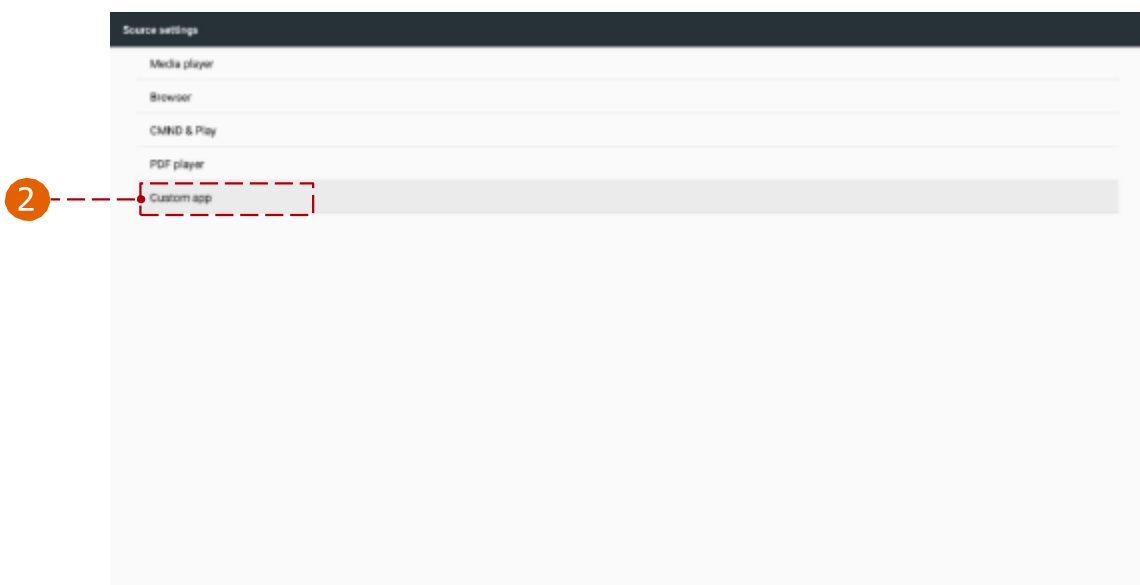
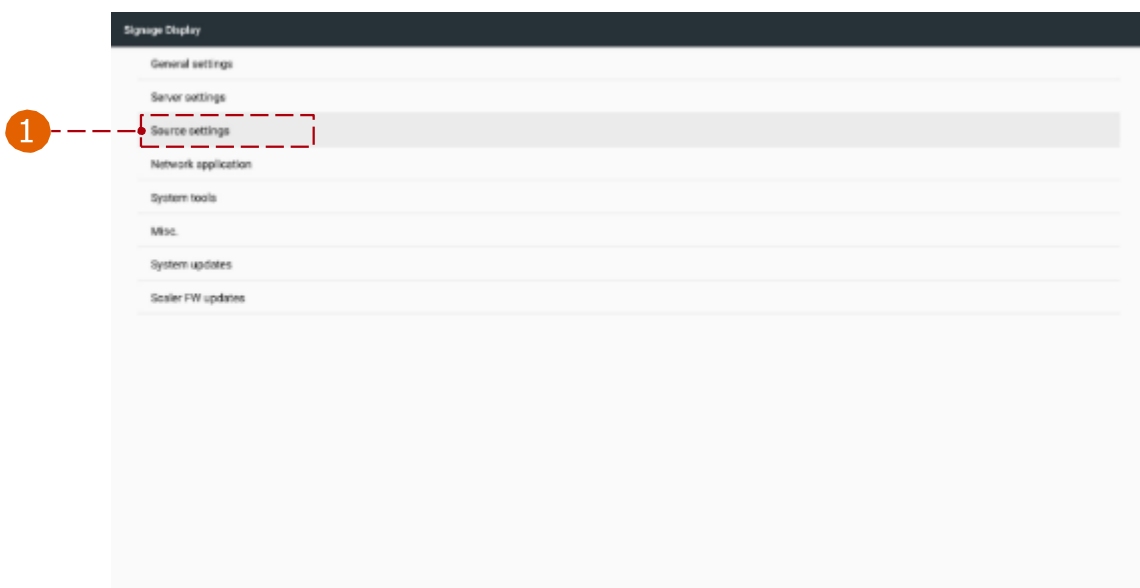
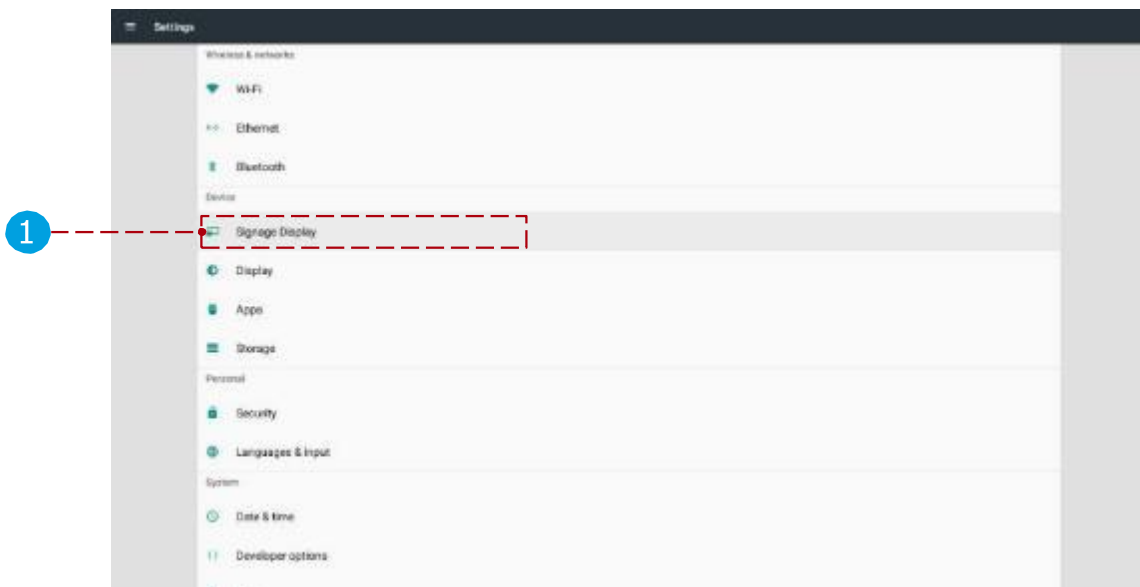


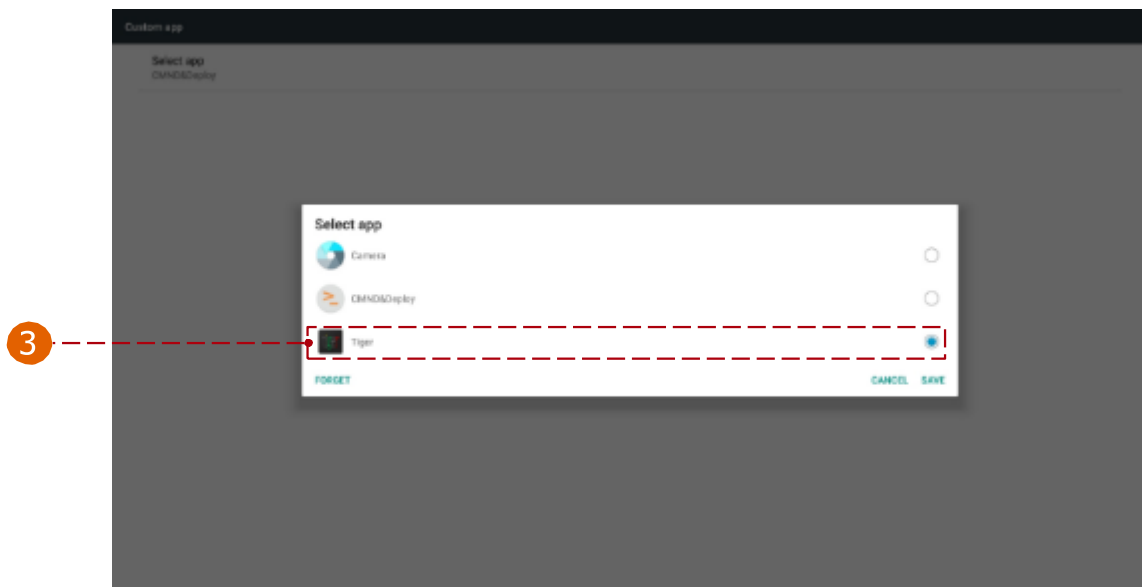
8 Open the device's settings again.

1 Open "Signage Display"

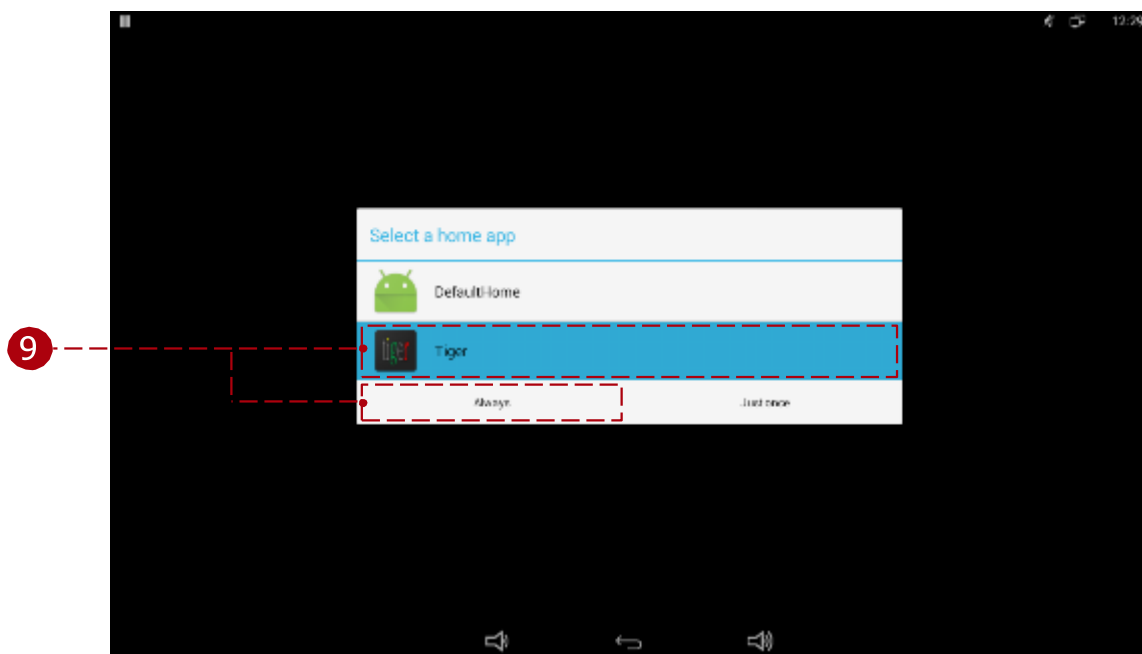
1 Open menu "Source
2 settings". Open menu
3 "Custom App".

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



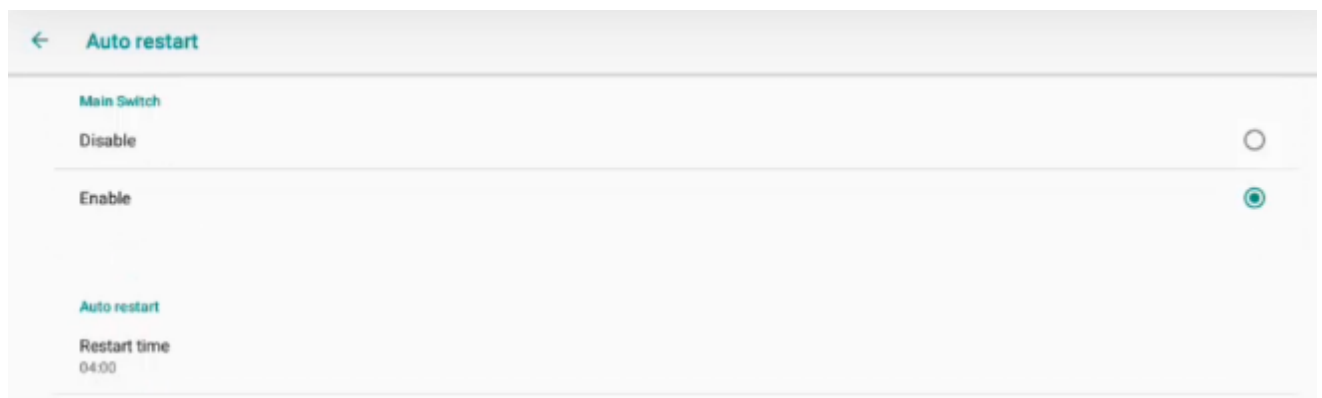
IMPORTANT NOTE

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.

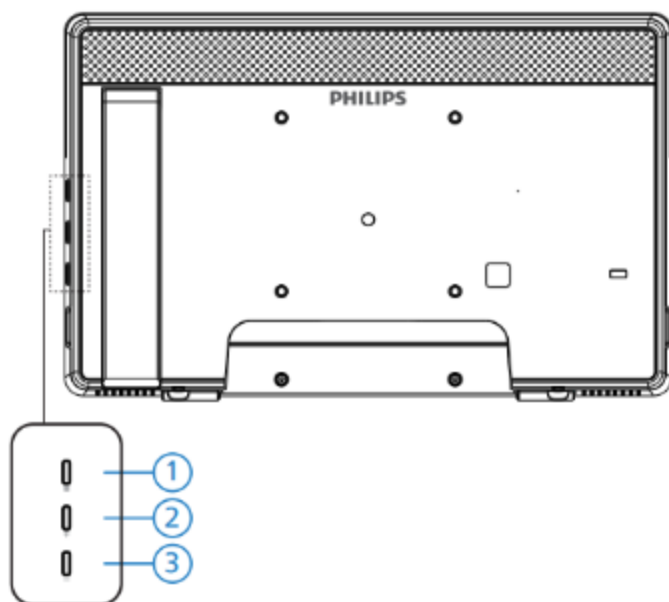
Settings -> Signage Display -> System tools -> Auto restart -> Enable, set 4am (for example)



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.

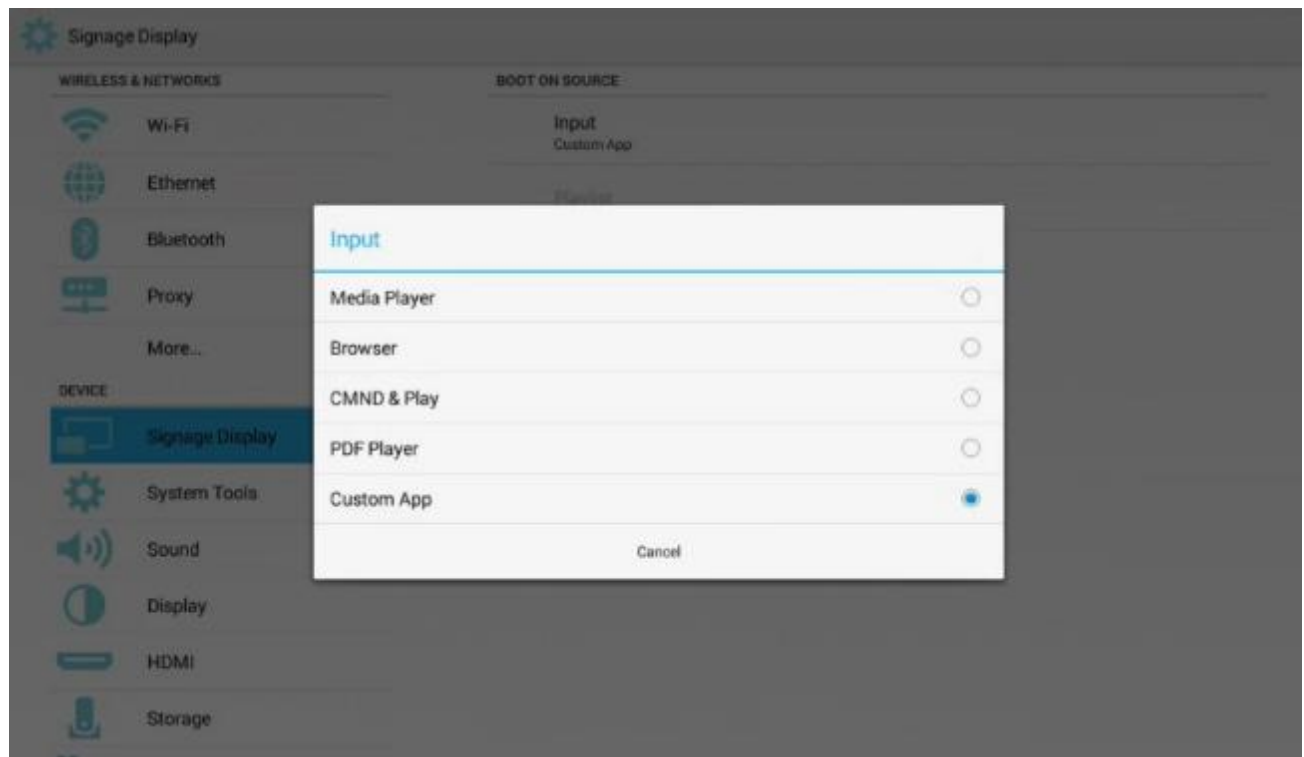
Some of those applications include the excellent SmartSign

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

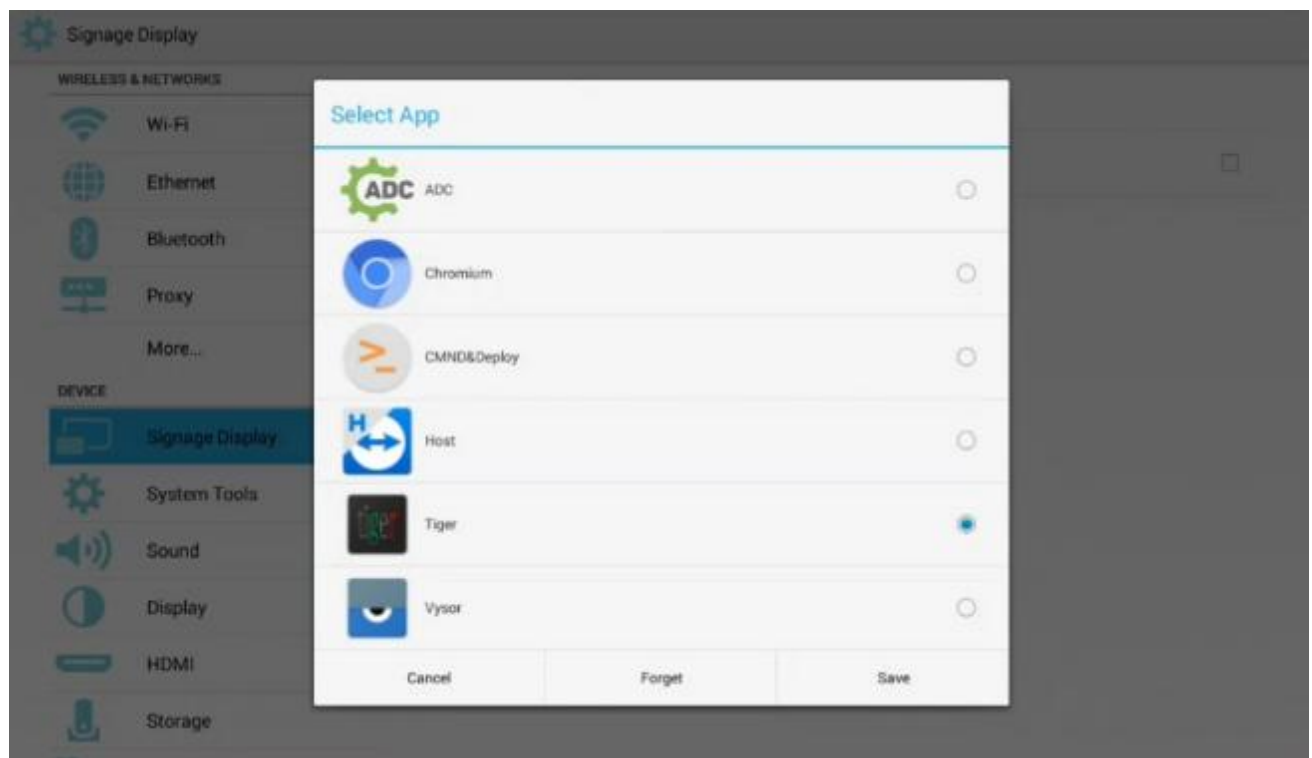
Please use Philips Signage Display settings to make sure Tigermeeting starts after the boot.

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..

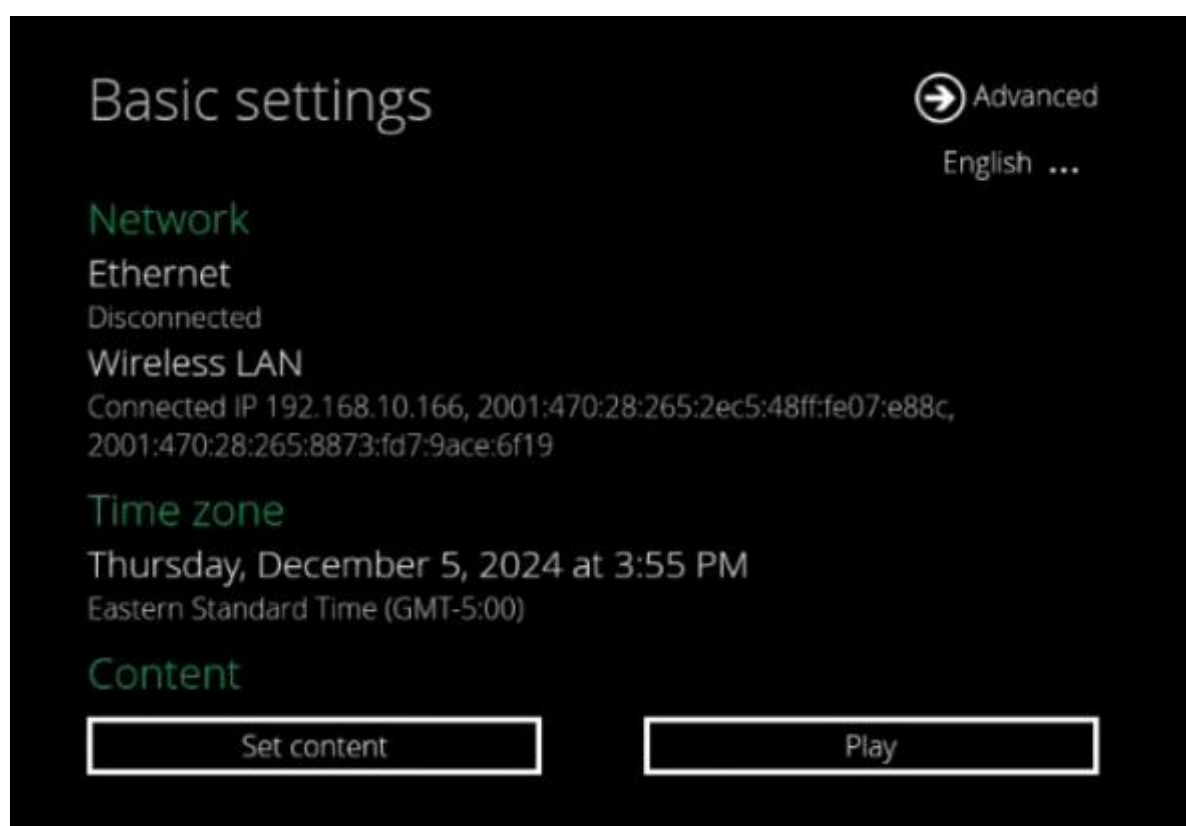
Installation of IAdea screens

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.

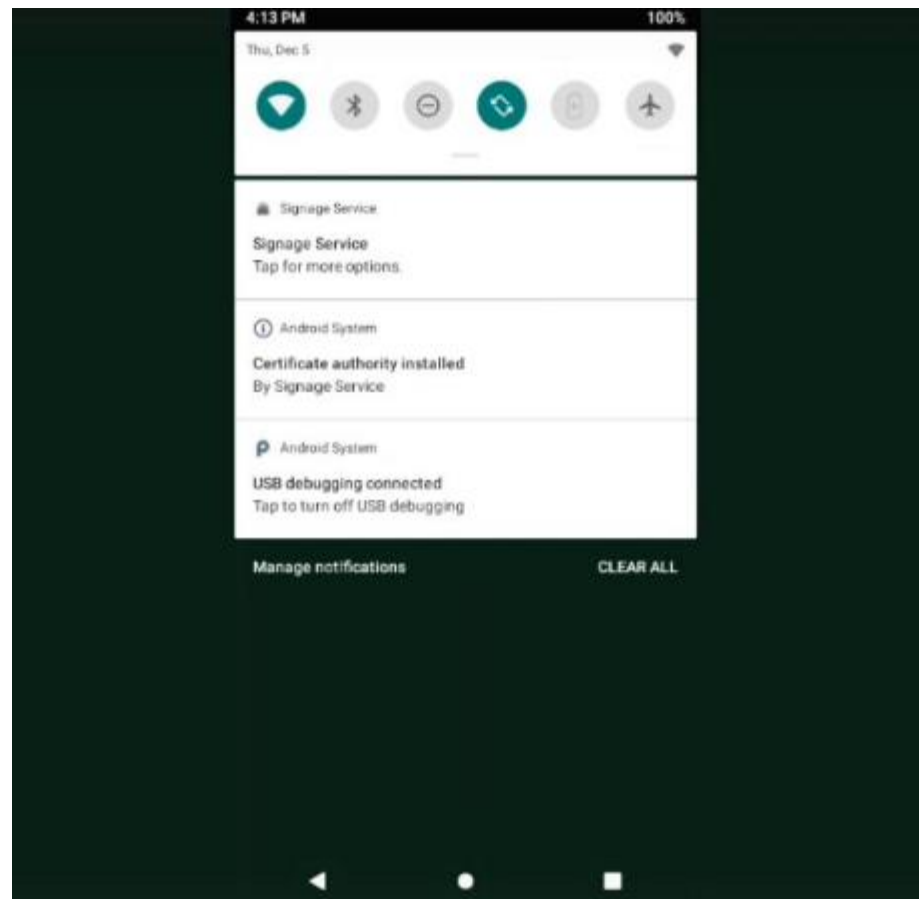
Please, follow IAdea screen's official installation documentation: How to launch the app by AppStart™ and exit the app properly?

Installation steps based on the above document:

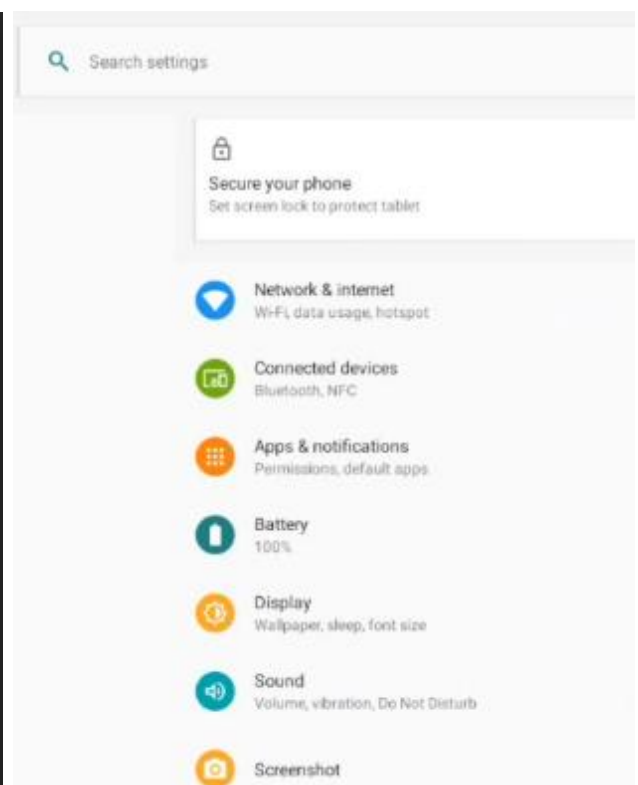
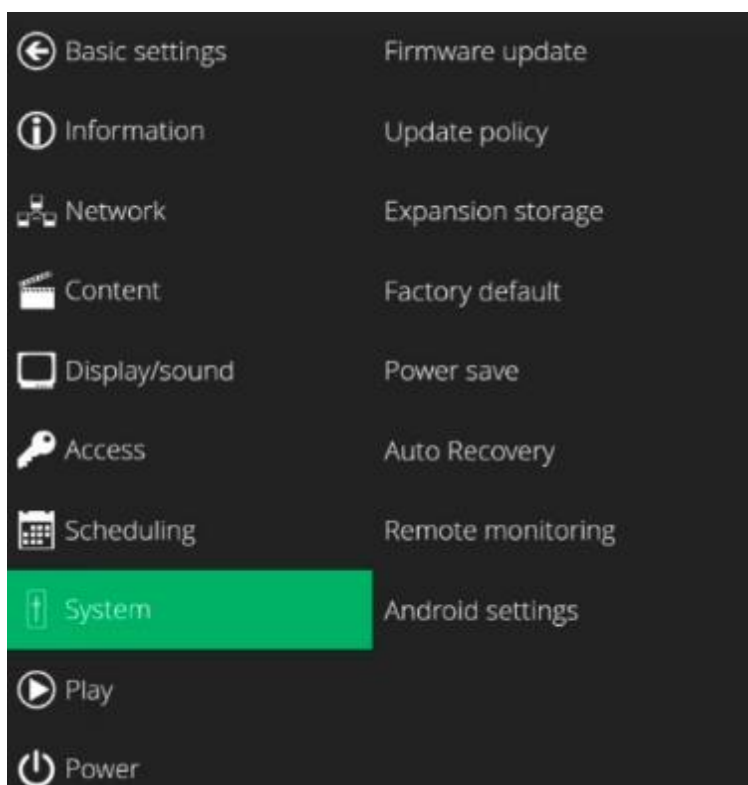
1. Download the Tiger APK from the Admin App and copy to a USB drive
2. Power up the device and wait until the “**Basic settings**” menu appears



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

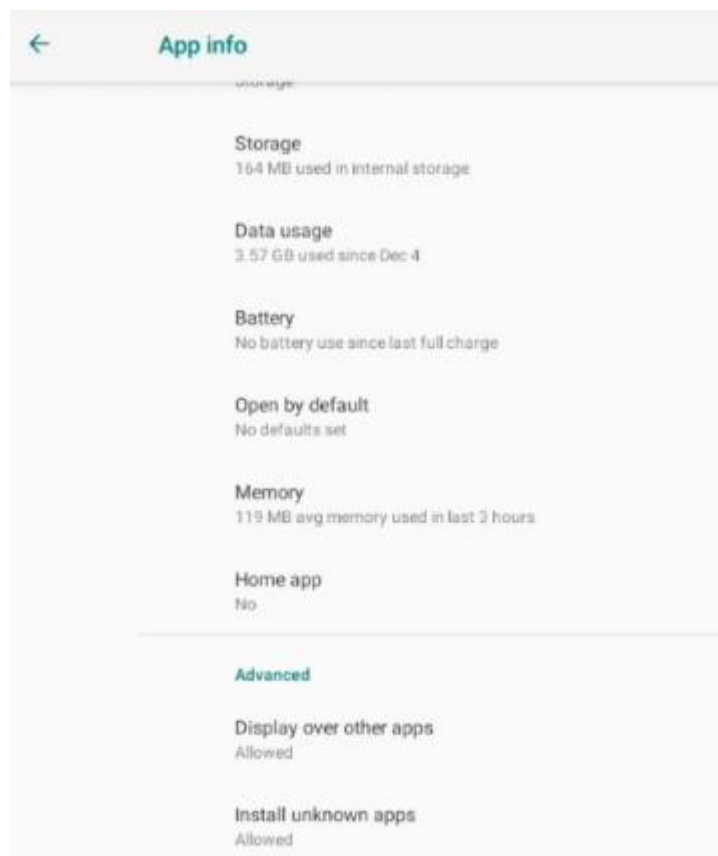


5. After installing the Tiger APK set up the necessary permissions in the **Advanced -> System -> Android settings -> Apps & notifications**



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:

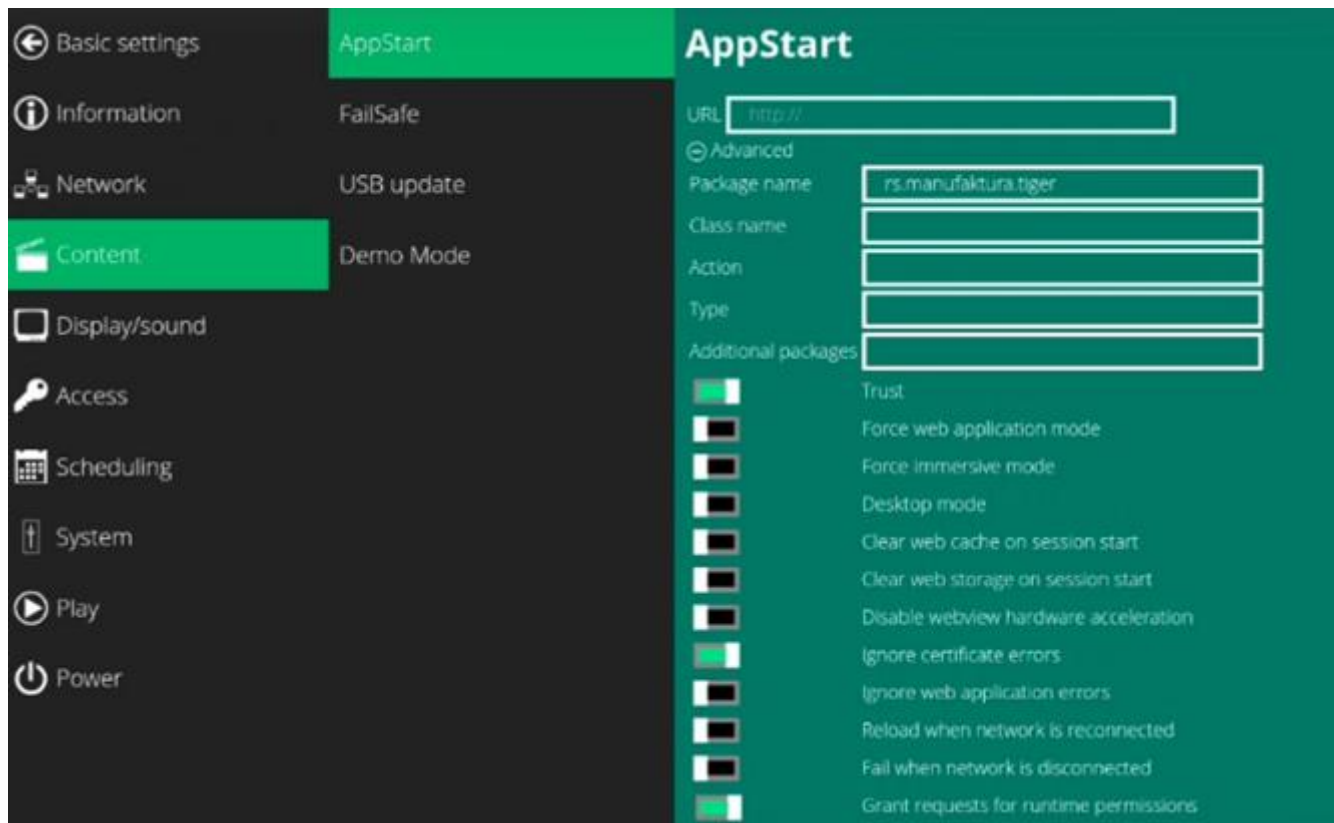
Basic settings->Advanced->Content->AppStart

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 3rd party certificates are allowed)
- Grant requests for runtime permissions: **yes**

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



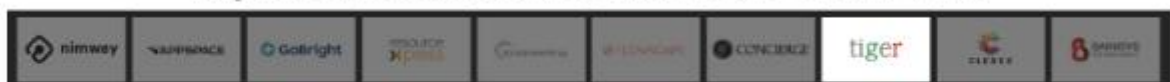
9. Press “Play” to start the Tiger application in IDea AppStart Player

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.

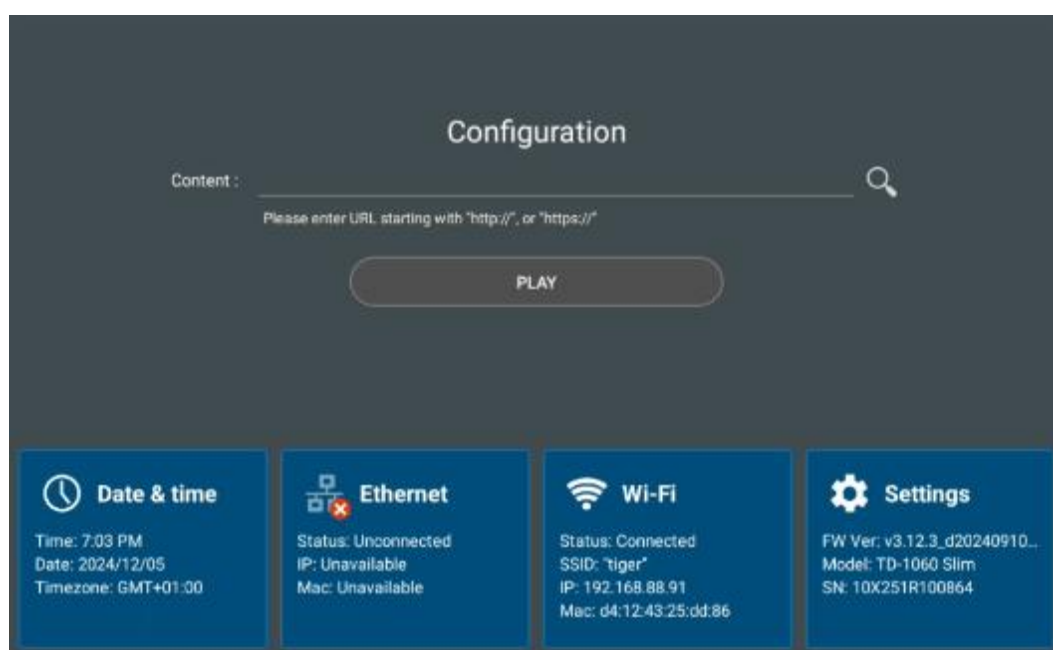
All other generic Android installation instructions apply.

Installation of Qbic screens

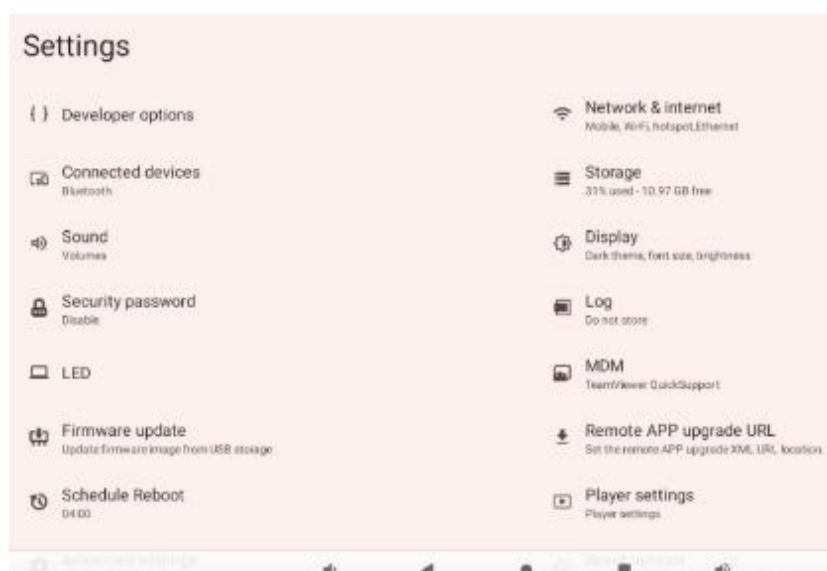
Tigermeeting support all Qbic Technology's ARM and Android based meeting room screens.

Installation steps:

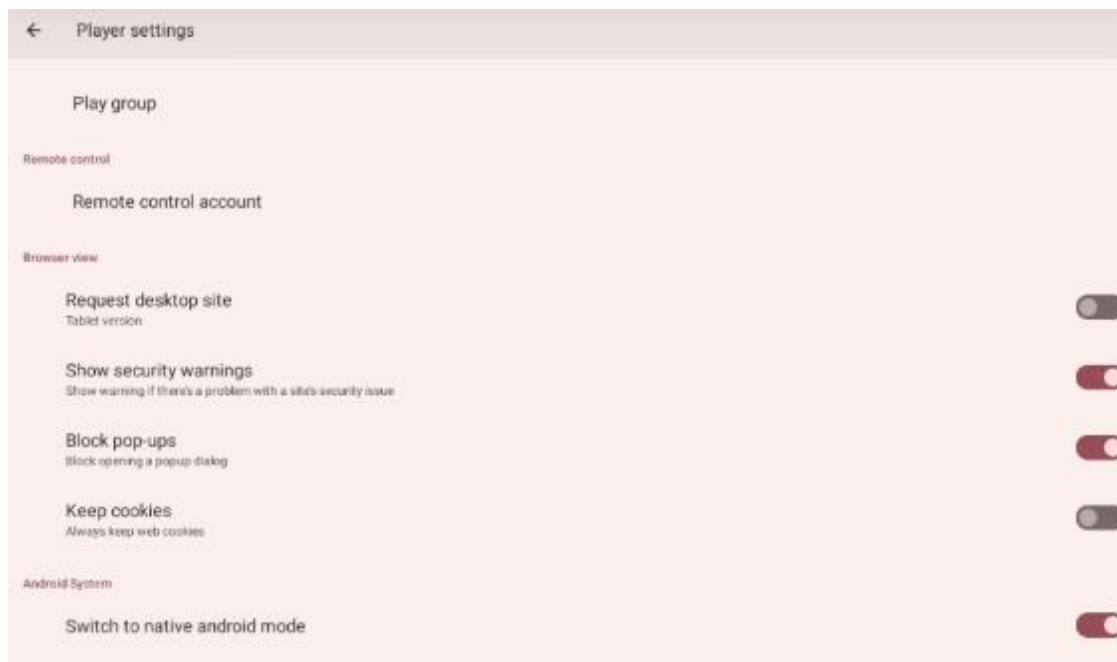
1. Download the Tiger APK from the Admin app
2. Copy to a USB pen drive
3. Configure the device's basic parameters, like time zone, network etc



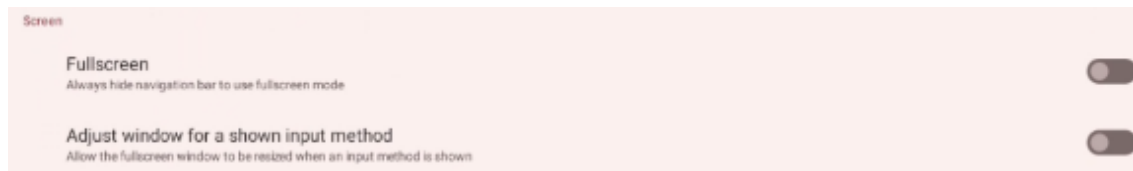
4. Navigate to **Settings->Player settings**



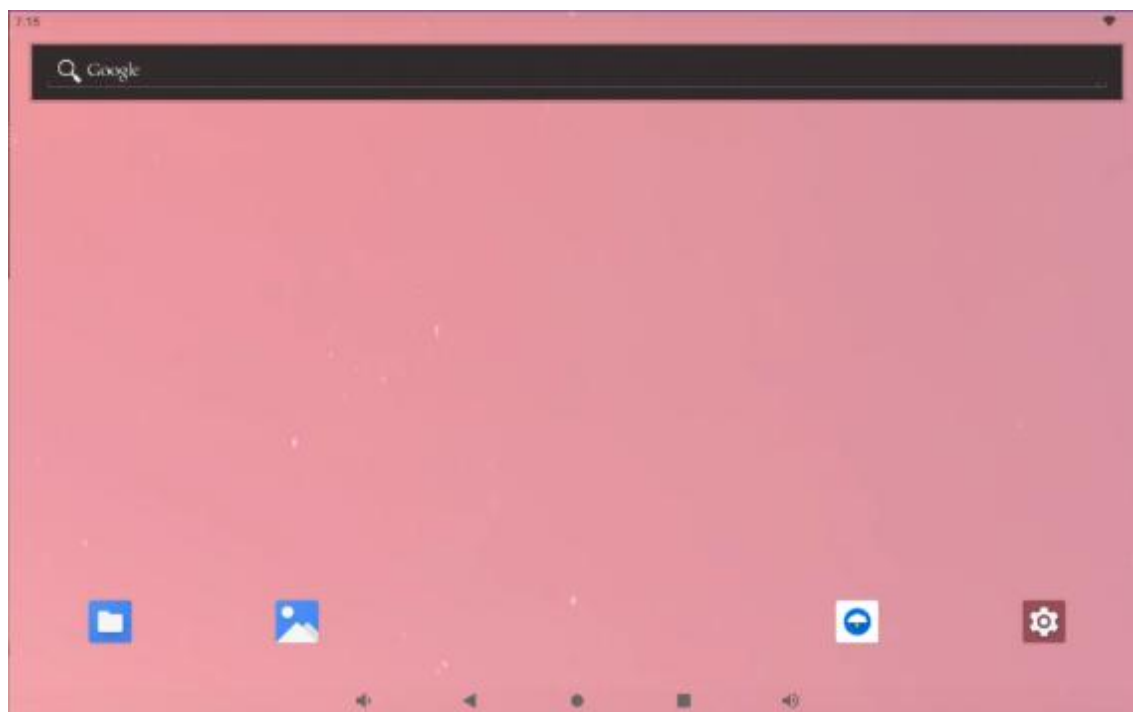
5. Under Android System - switch to “**native android mode**”



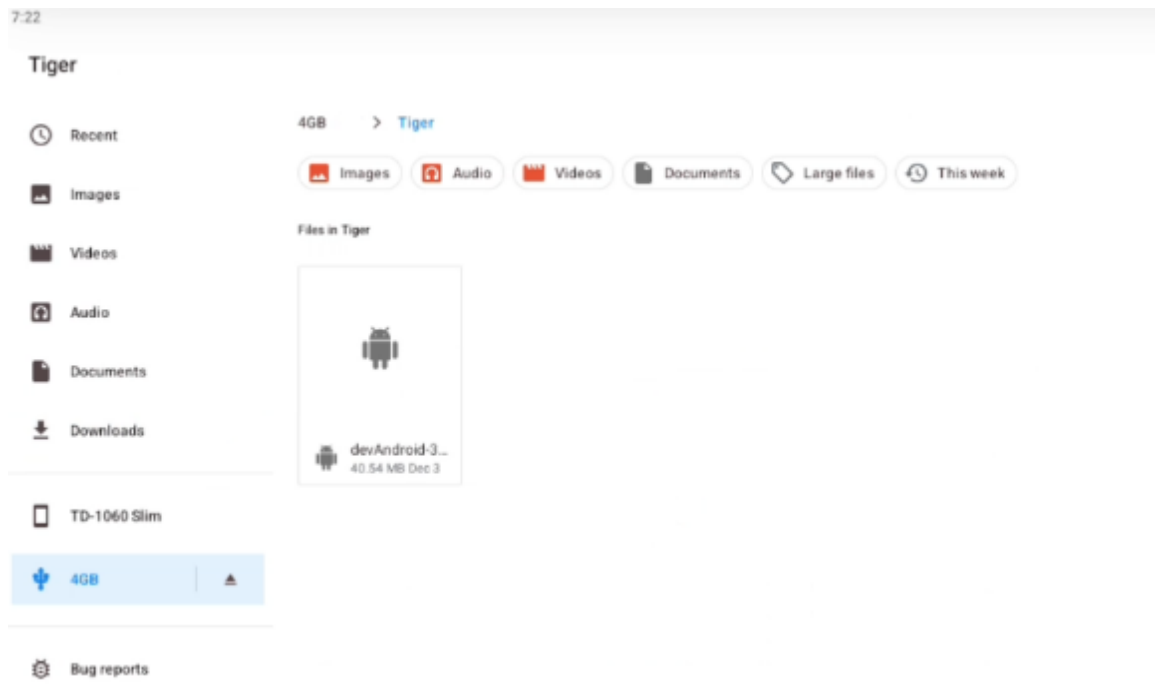
6. Do not bother for the following options – as Tigermeeting handles them within the application (see the **Maintenance mode** chapter in the Admin User manual)



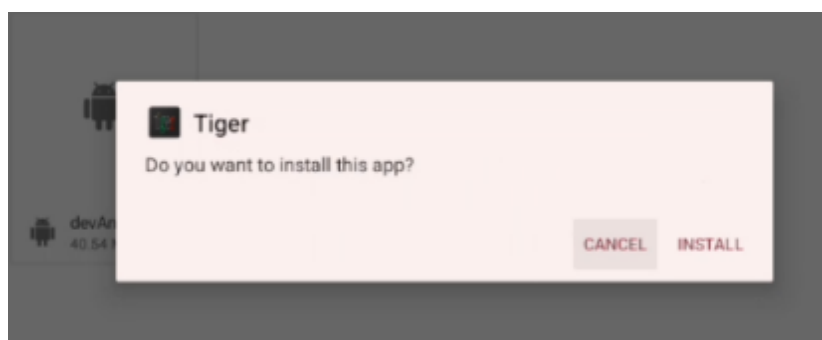
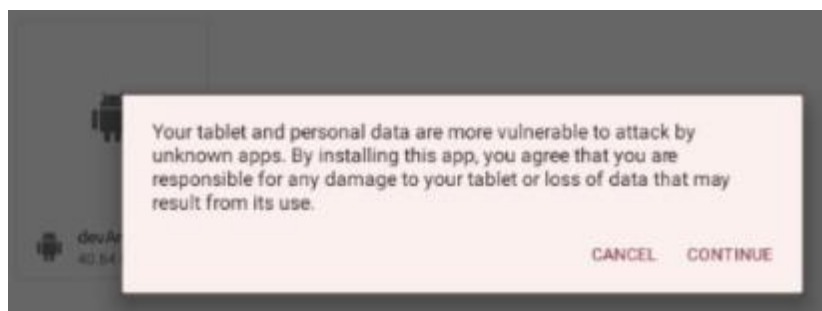
7. Exiting the Setup – the ordinary Android desktop will appear



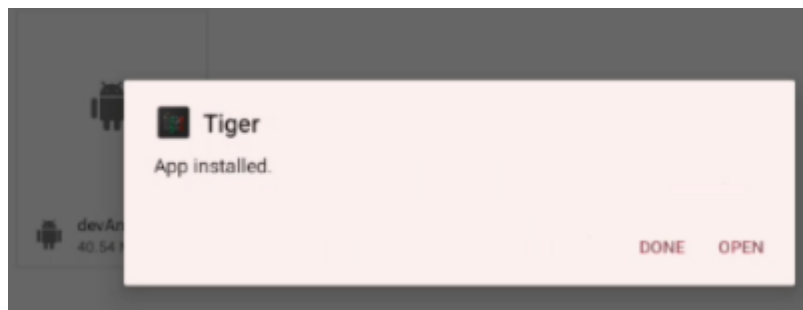
8. Plug in the USB pen drive and by using the File Manager, navigate to the folder where the Tiger APK is.



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

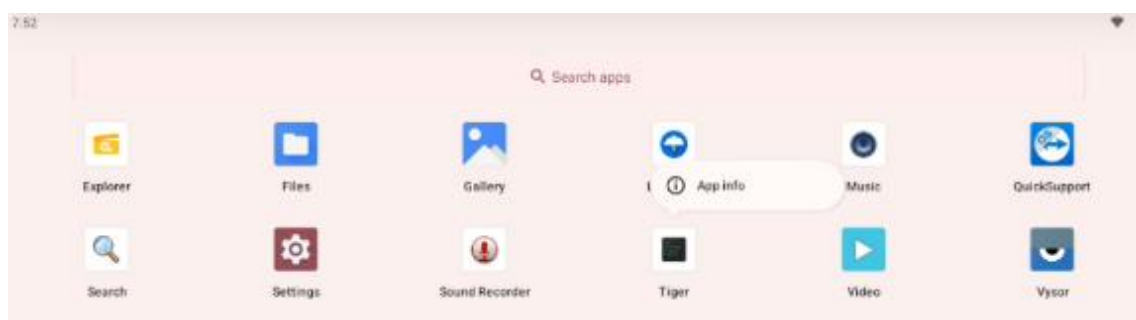


12. Allow the Tiger app to “Display over other apps”

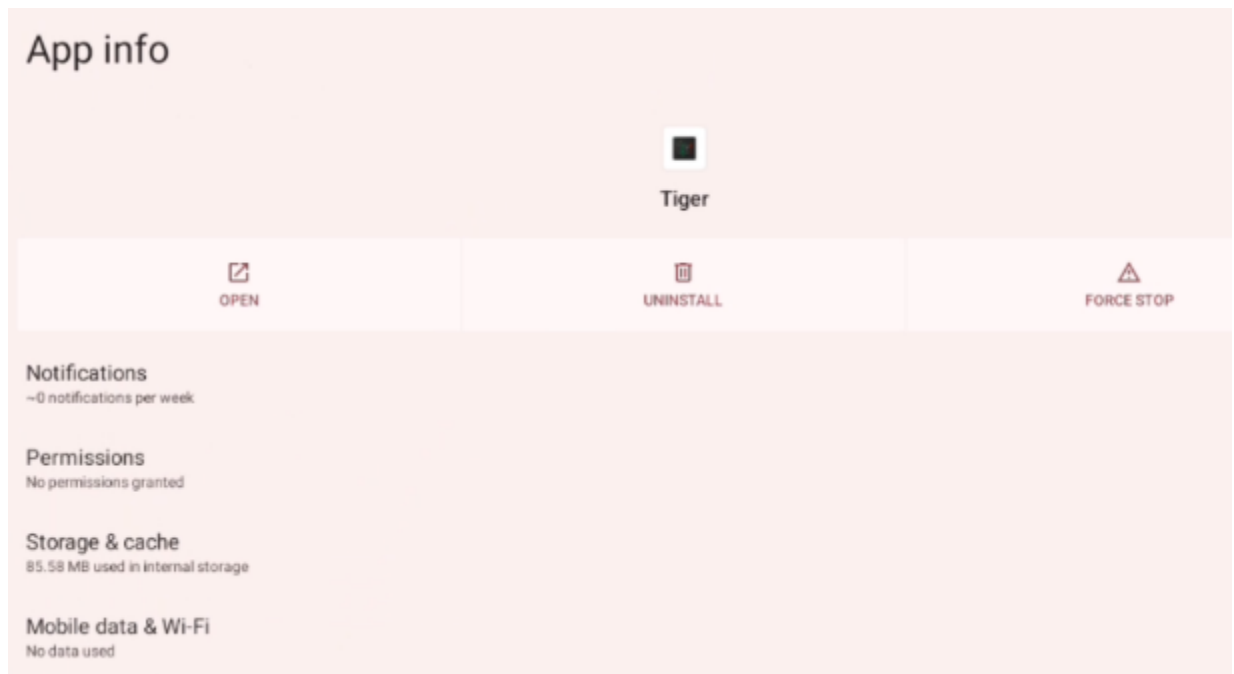


13. Restart the screen

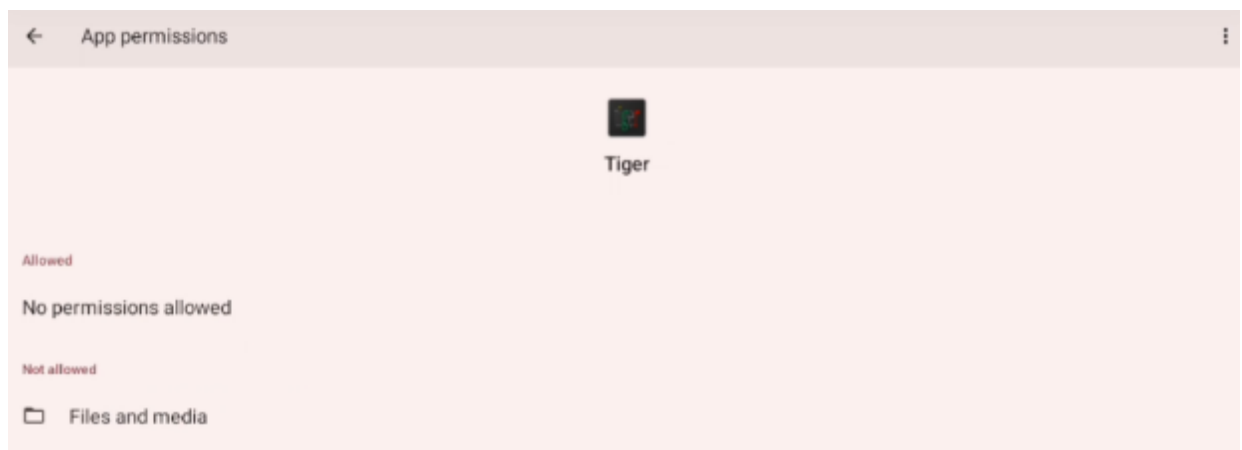
14. A slide from down to up will show the installed applications. Please locate the Tiger app and hold the icon for few seconds (a tap will start, a hold will allow edit the app parameters)



15. Tap the **App info**



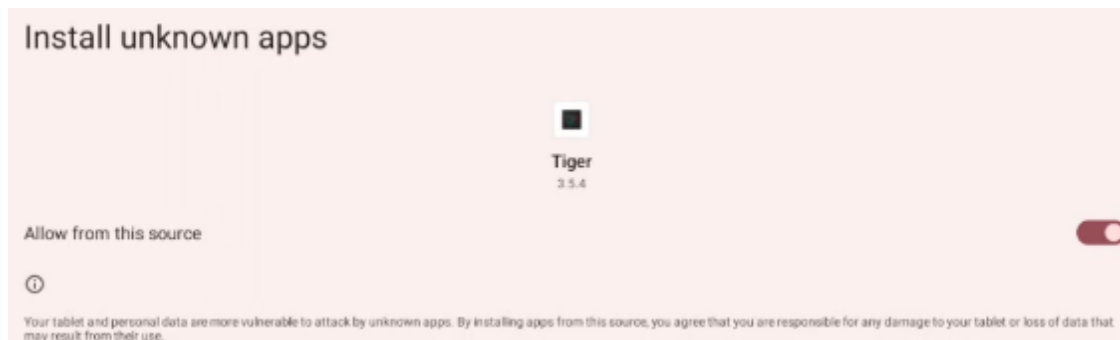
16. Tap **Permissions** and grant the needed permissions:



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/>

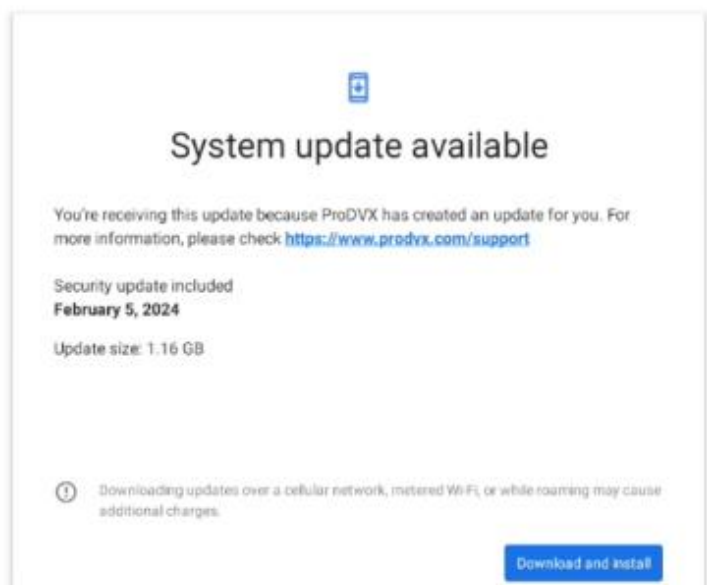
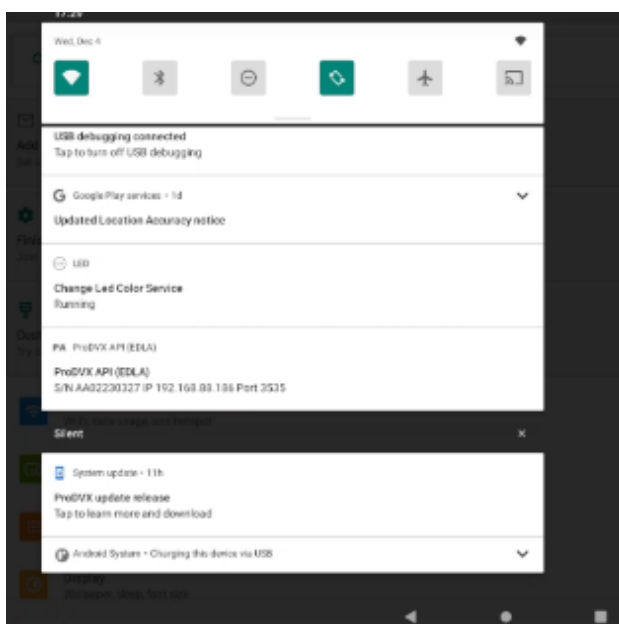
NOTE: Older ProDVX screens that do not have firmware that supports the ProDVX API, require the ProDVX-API-AOSP or the ProDVX-API-EDLA APKs.

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 just the default deviceKey = ProDVXapi. If the devices' deviceKey is set differently, currently there is no way to change the API and the LED, reboot and the other vendor specific APIs will not work.

In these cases, it is recommended to reset the deviceKey or reinstall the APKs providing the ProDVX API.

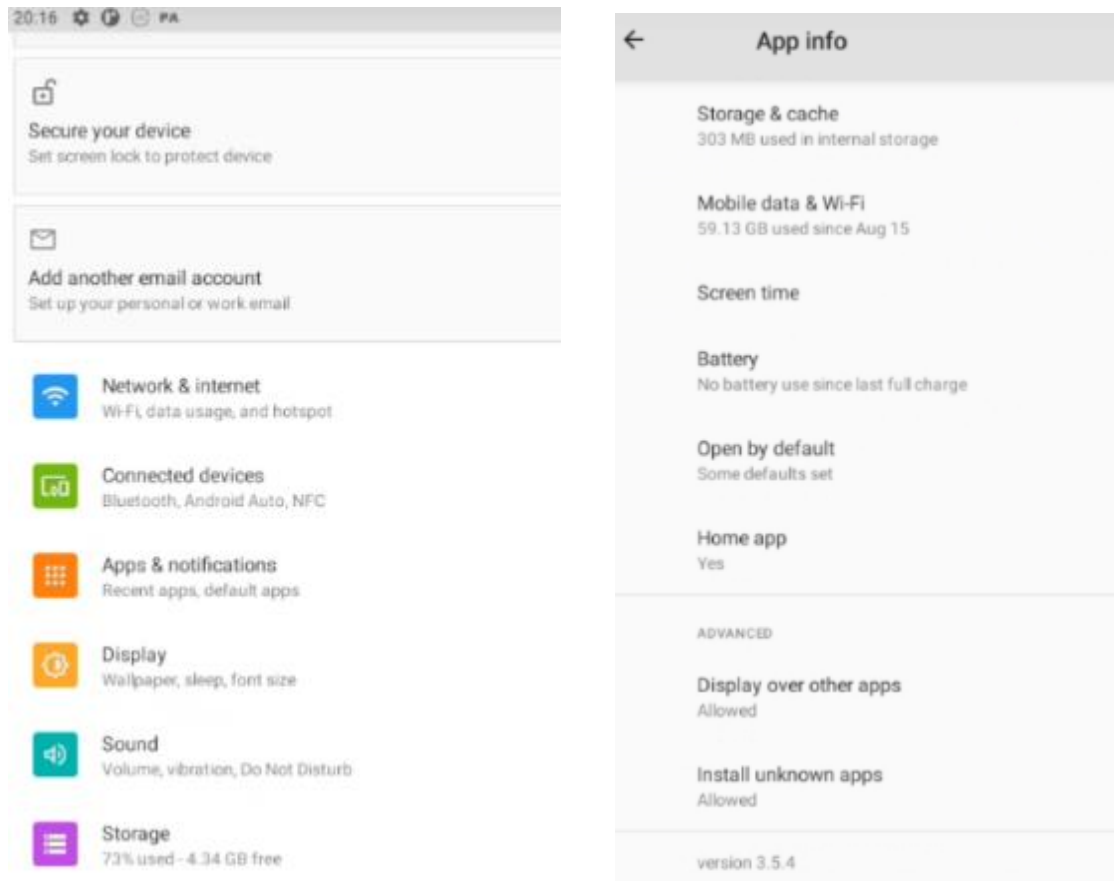
Most of ProDVX devices support Google Play – but by installing via the USB pen drive all other generic Android installation instructions apply.



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 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 :

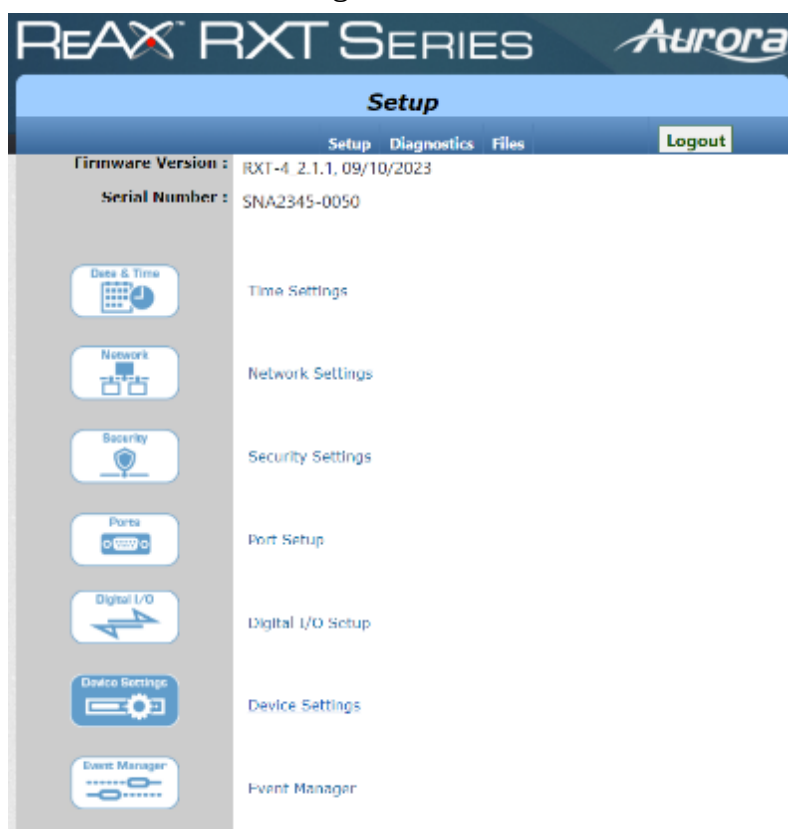
1. Login to **http://:device-ip-address/setup** as admin user (please check the device manual)



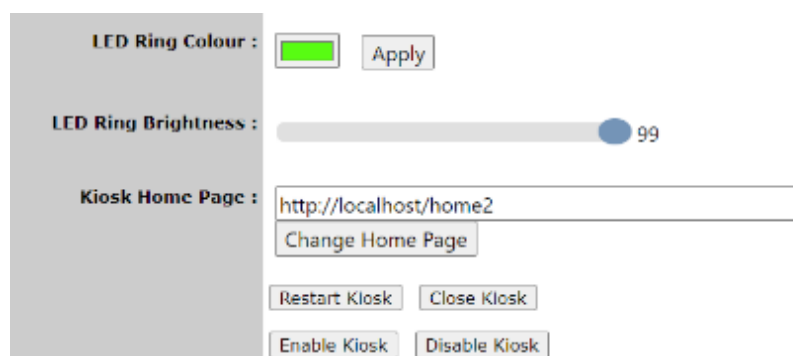
2. Navigate to Setup



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 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/

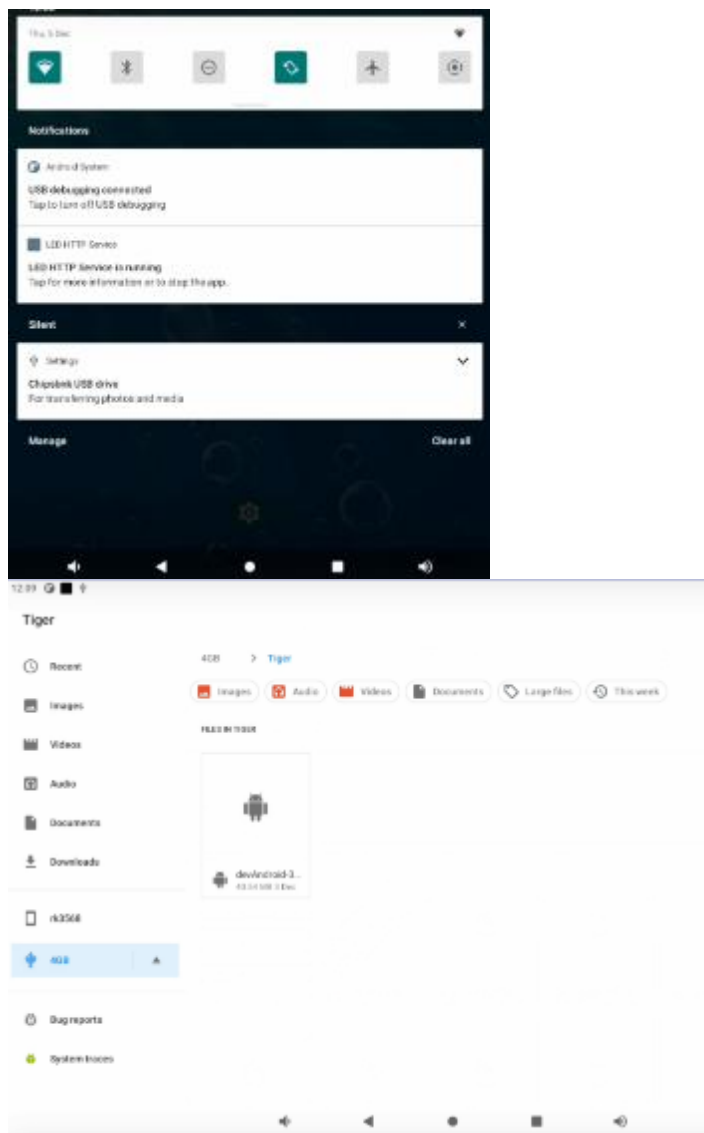
NOTE: Tigermeeting supports direct communication with the LED controller chipset, therefore, it provides a full range RGB color spectrum – that is superior to Allnet HTTP APK. If the Allnet HTTP APK is not installed – this is the default fallback.

Install steps:

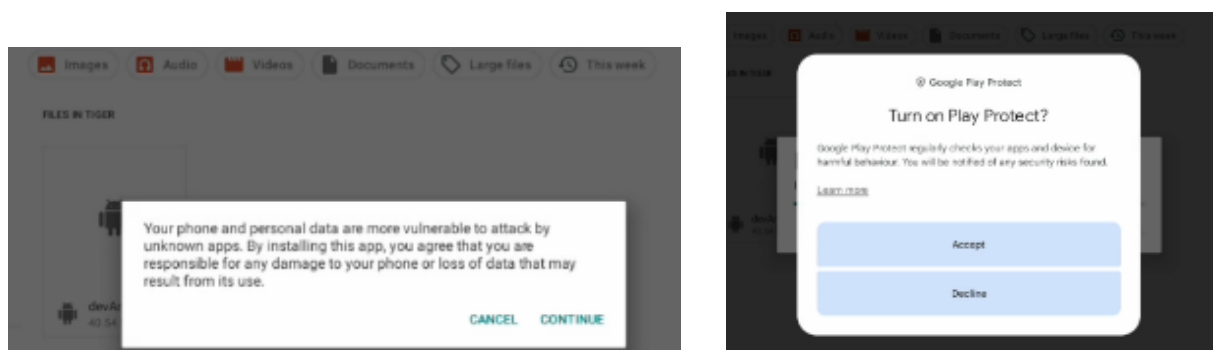
1. Download the Tiger APK from the Admin App (for Android version 5+)
2. Copy to a USB pen drive and insert in the ALLNET screen
3. Start the file manager – or just swipe down from the top of the screen to access

the USB device content

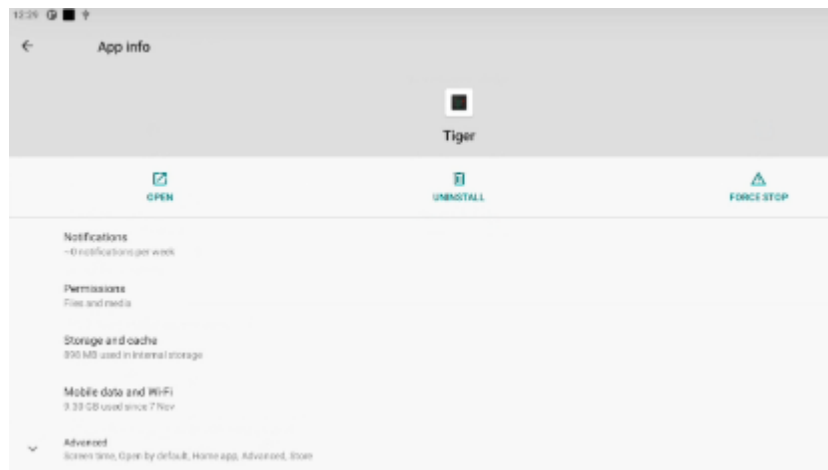
4. Navigate to the folder that contains the Tiger APK
5. Install the Tiger APK



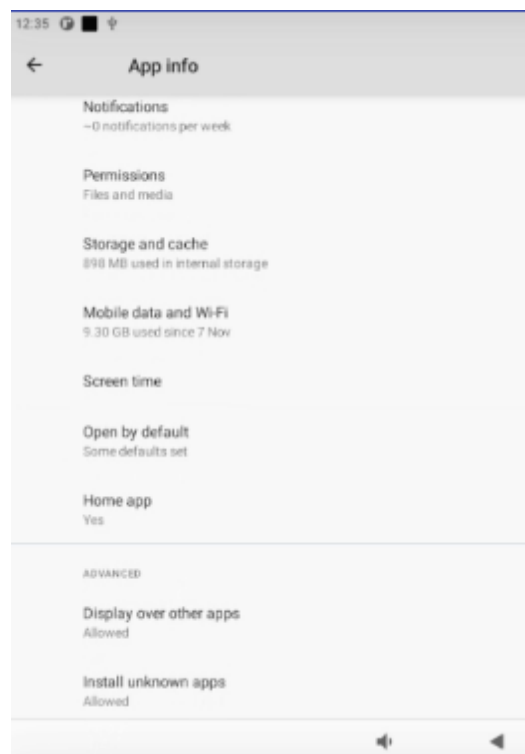
6. Please approve and accept all security-related questions:



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



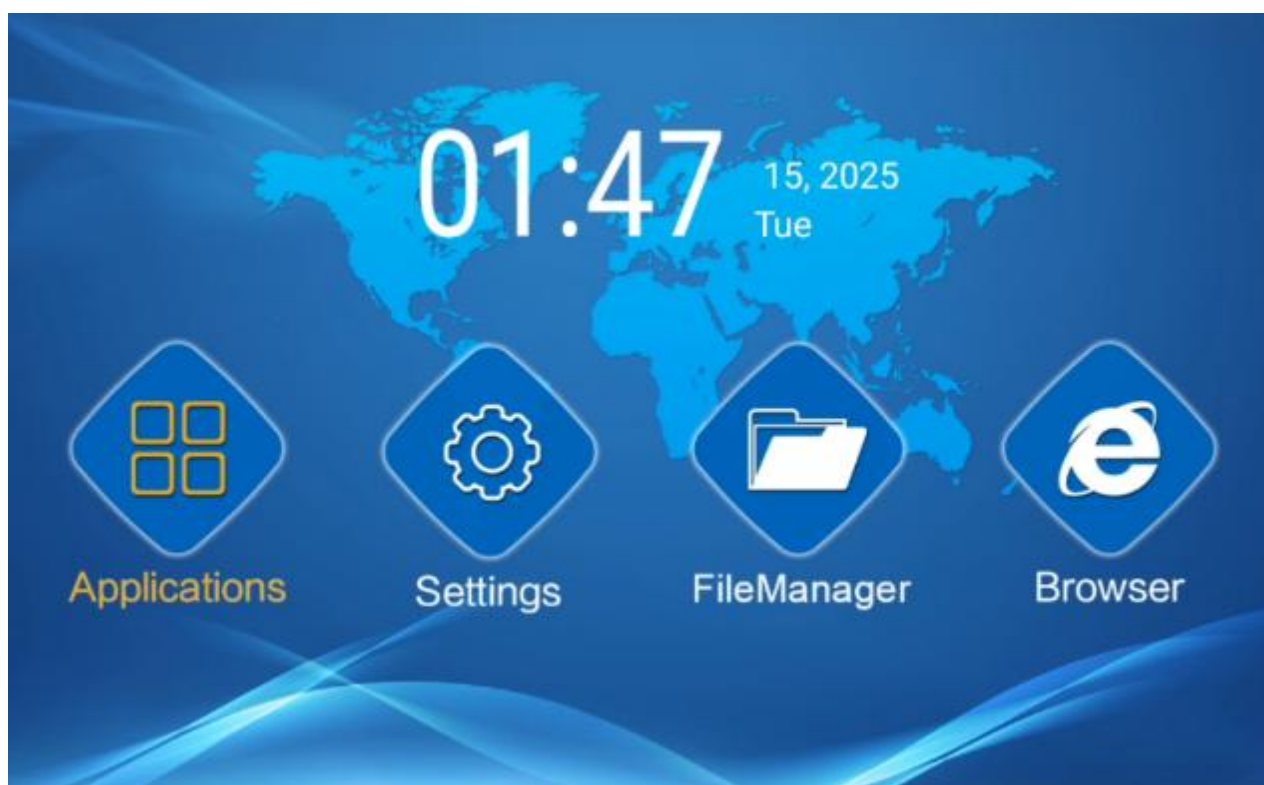
8. Open “Advanced settings” and make sure the following settings are set:
- Open by default
 - Home app: **Yes**
 - Install unknown apps: **Allowed**



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.

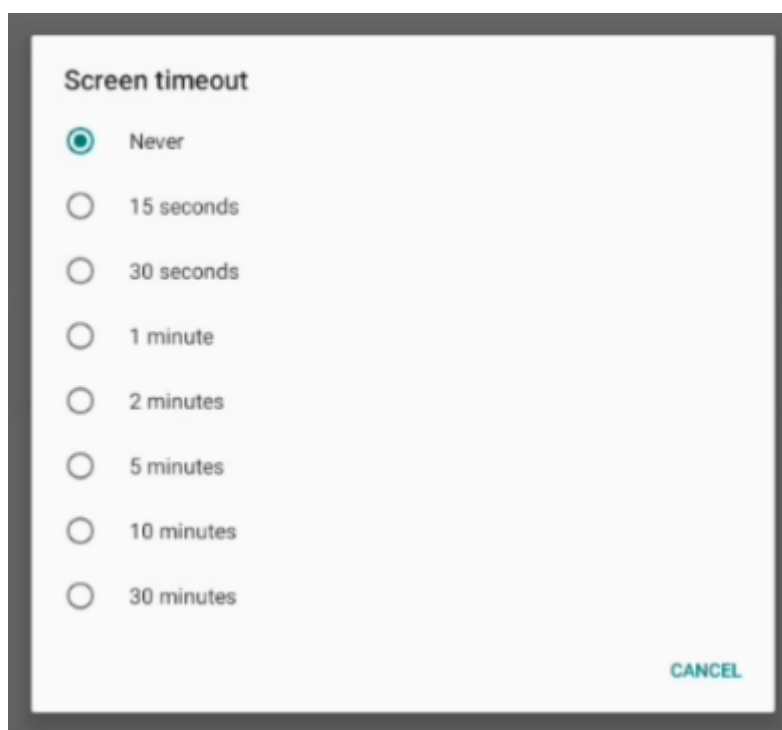
Installation of TouchWo screens

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

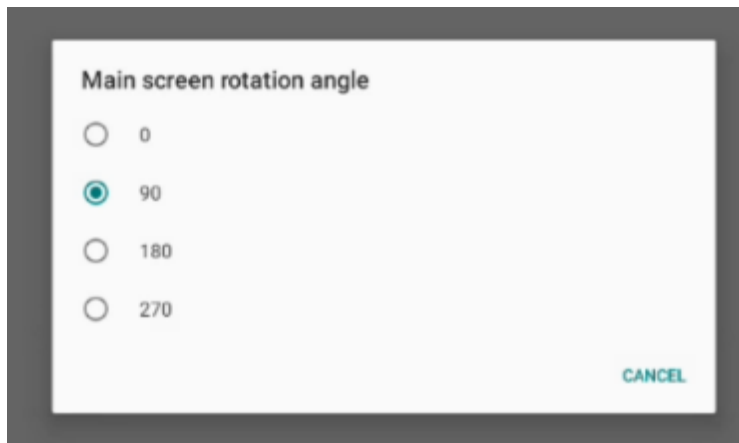


In Settings do the following:

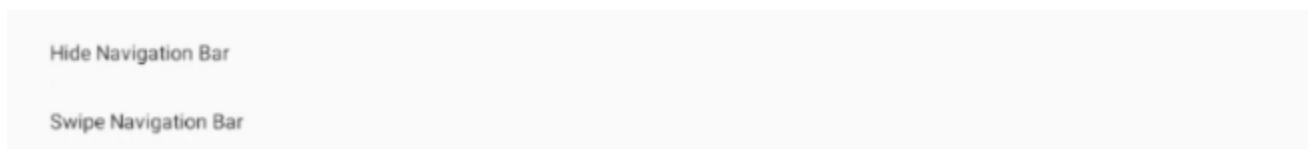
1. Network and Internet: configure the network
2. Display: Screen Timeout -> Never



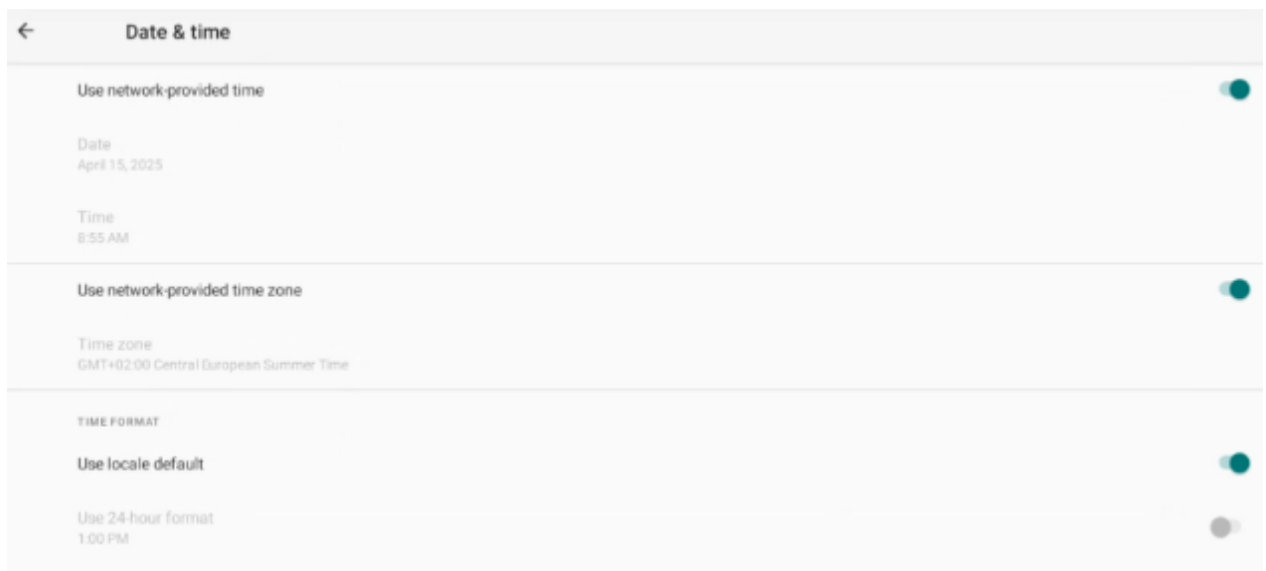
3. Display: Main Screen Rotation Angle -> 90



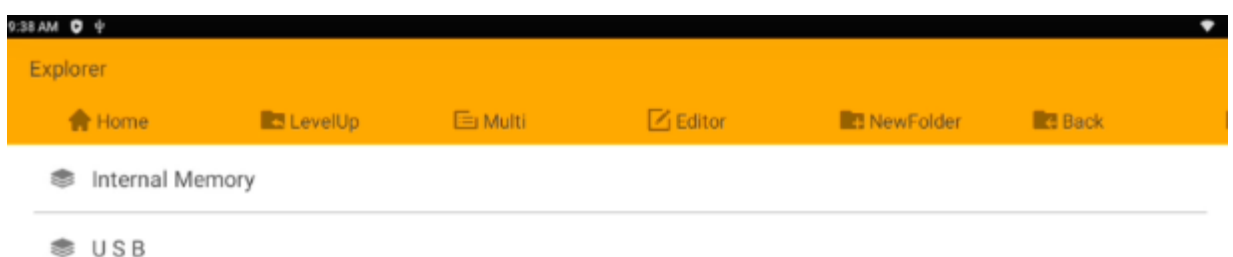
4. Display: Disable navigation bars:



5. System: Set the correct time zone

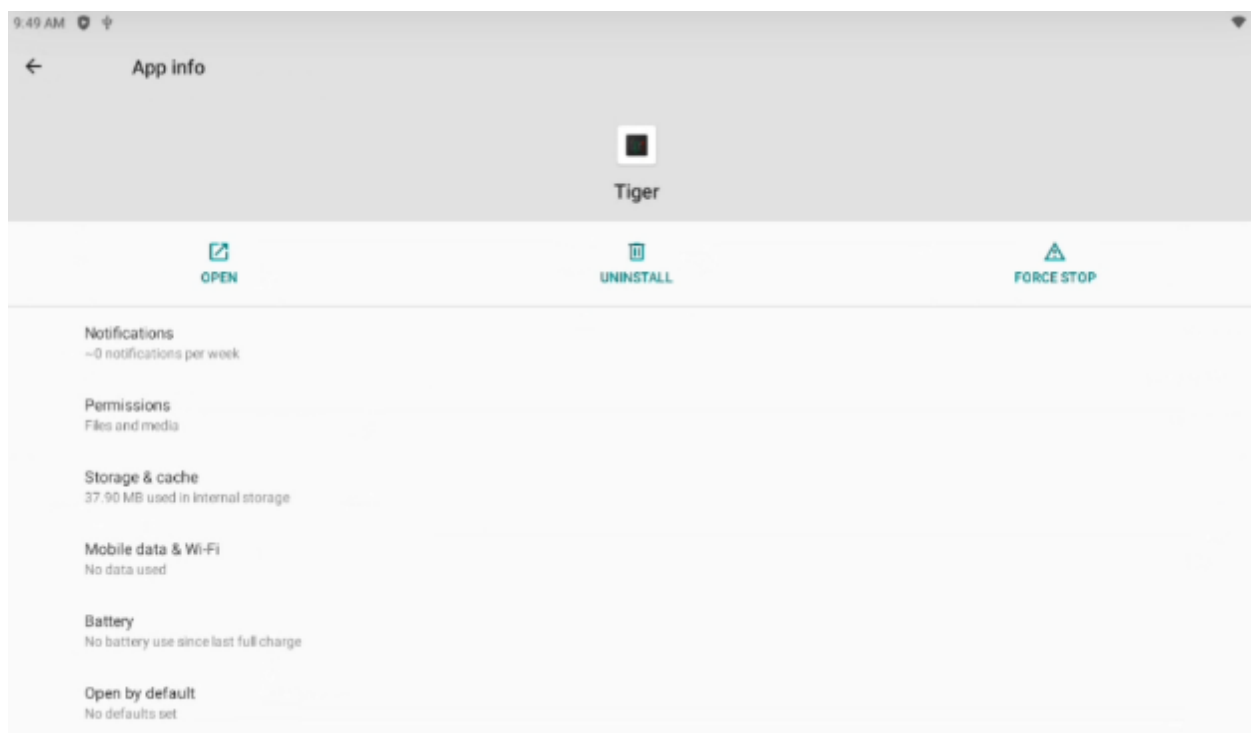


6. Install the Tiger APK via the USB drive by exiting the Setup and starting the File manager (see the first image)
7. Chose the USB drive and find the Tiger application:



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

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.

Serial port adjustments

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

Defaults can be changed in the Tigermeeting Admin Application.

Booking screen or overview screen

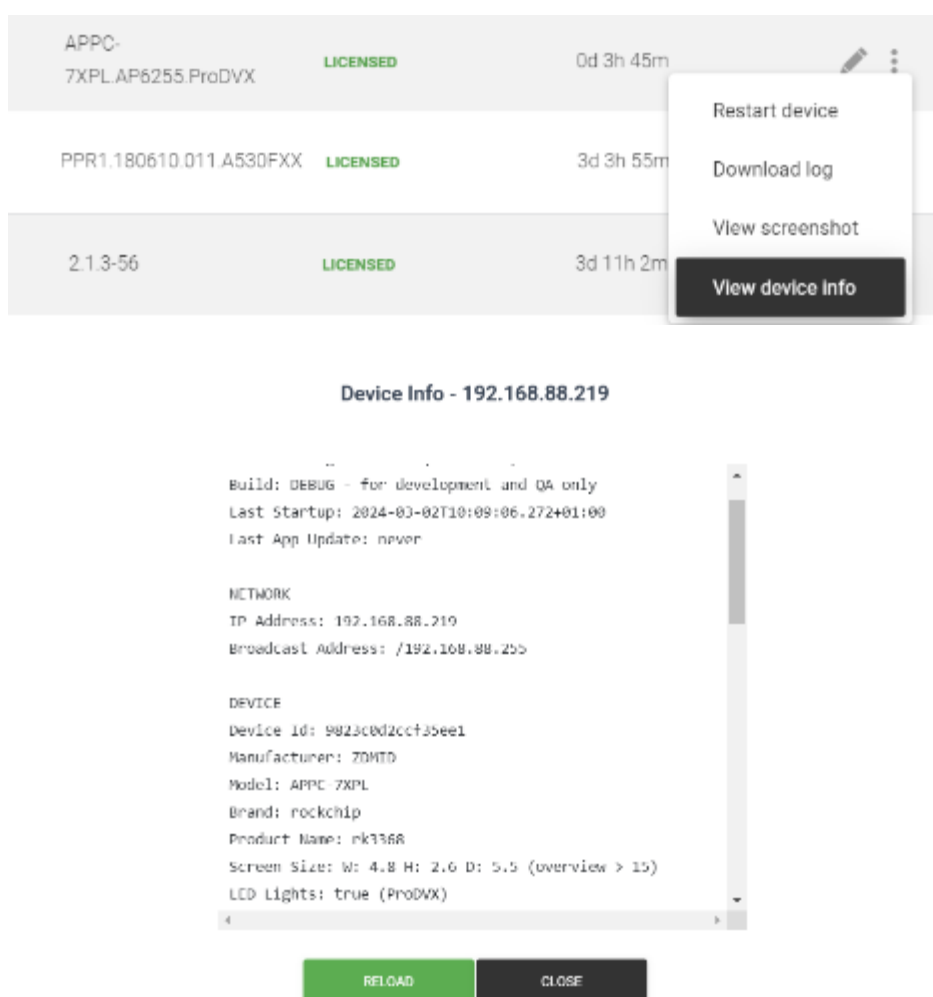
Tigermeeting Android APK is generic – one for all.

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 15 inches the APK will behave as a booking screen.

If the device screen size is bigger than 15 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)



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 licence 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, 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 	IAdea 	ProDVX 	Qbic 	Aurora 	ALLNET 	Others 
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 	Allsee 	ELC 	AlSpeech 	ShiMeta 	SWEDX 	TouchWo 
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 	Samsung 	PlusOne 	Huawei 	Newland 	iiyama 	Rockchip 
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							

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)

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... 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:

- 20 different Android APIs (versions 16..36)
- 16 different hardware vendor APIs
- 8 different integrated SDKs
- 8 different LED controllers
- 9 NFC/RFID technologies
- 4 hardware architectures
- 7 different GPIO APIs
- 8 different chipsets
- 1 scanner

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.

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, that 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.

Ask for DEMO licences

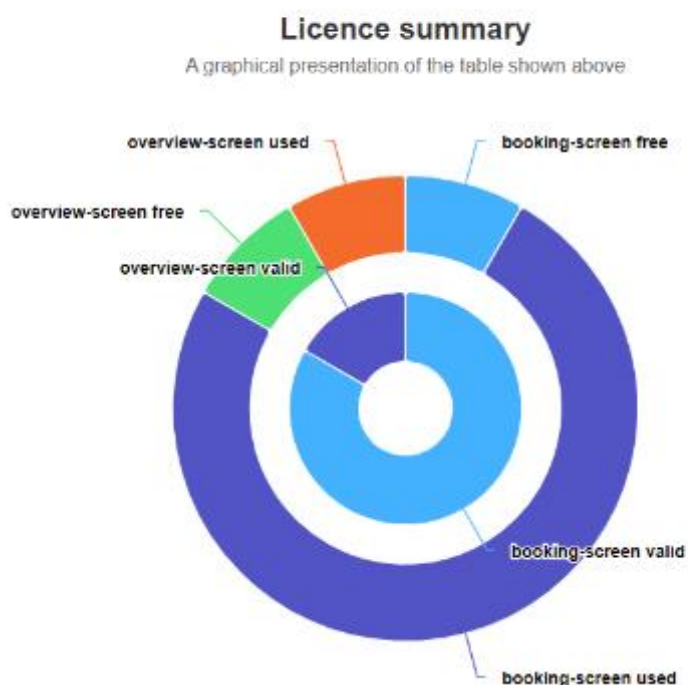
DEMO licenses are fully functional production licenses with a limited time validity. There is no payment involved - neither during the DEMO licenses request or after when the DEMO licenses expire.

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

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

Customer Support: 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>

Reddit <https://www.reddit.com/u/tigermeeting/>

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

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

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

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

Tik Tok <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?

Tigermeeting works with major manufacturers to provide the best support on their devices.

Please, reach out to Tigermeeting sales team or customer support for any inquiry regarding the products, getting the best price and support from our partners.

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.

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

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

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

The Philips logo, consisting of the word "PHILIPS" in a bold, blue, sans-serif typeface.

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.

<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

ProDVX's product lineup includes:

- **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/m², 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.

<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.

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



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/>



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/>

视美泰 | ShiMeta

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 blue and "VISION" in black, both in a bold, 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/>



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>

