



Tigermeeting Android application

Setup guide

Version 3.3.8

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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' 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 solution - that is already highly appreciated worldwide.

Key features

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

- **Central management** – no need for time wasting visits to every device. All configuration, settings and updates can be pushed out to the devices centrally via the Admin app.
- **Simplicity** - we had the user experience as the highest focus for the front end design. The easier it is to navigate, the more it will be used.
- **Flexibility** - use the same solution in different or mixed environments. In the offices book meeting rooms; in schools show classrooms' timetables; somewhere else book tables, desks or cabinets if needed. Freely use different devices that fit best the given environment and purpose.
- **Security** - the solution runs on unique high watermark distributed database technology that does not need external datastore. All data stays within the organization's LAN.
- **Automation** - one of our unique key features. Your users will always be able to find the available rooms. Book meetings in your online calendar or directly on the screen.
- **Localization** - use your own language on the screens - we support more than 40

languages and a new one can be easily added on request without software upgrades.

- **Compatibility** - in today's interconnected world, the customers' infrastructure needs to be respected - therefore we support all major calendar applications – on prem Exchange Server, Exchange Online, Microsoft 365, Google Workspace, Google Calendar and iCalendar - fitting easily into the most networked room booking ecosystems.
- **Analytics** - provides a glimpse over the company's meeting culture, people's habit 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

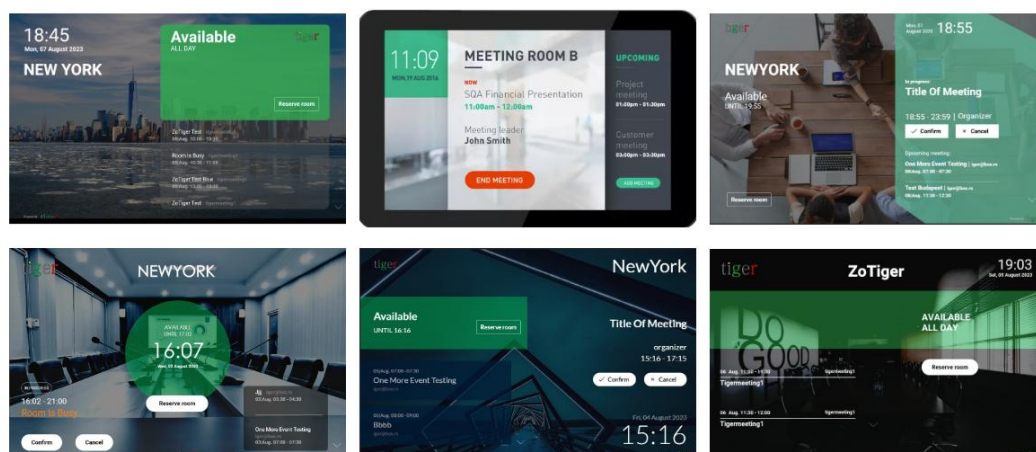
Tigermeeting Booking screen

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 provide 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 fire alarm in case of 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 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 - also it presents the rooms' size and the relative position from the screen.

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 on 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 for 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).

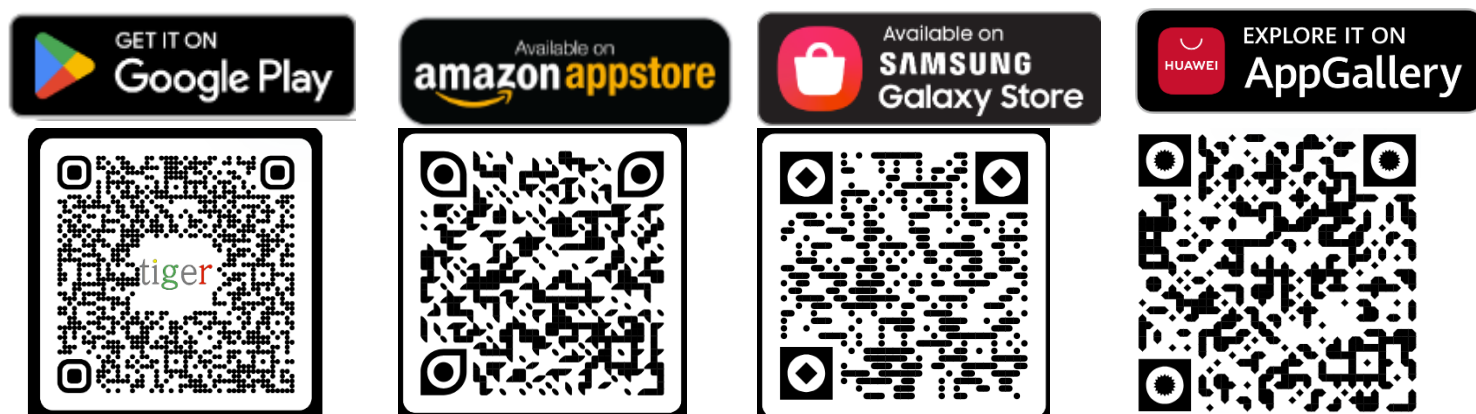
The release - supporting Android versions 5.0 and higher is available on Google Play and other app markets Worldwide. Including China mainland and India.

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:

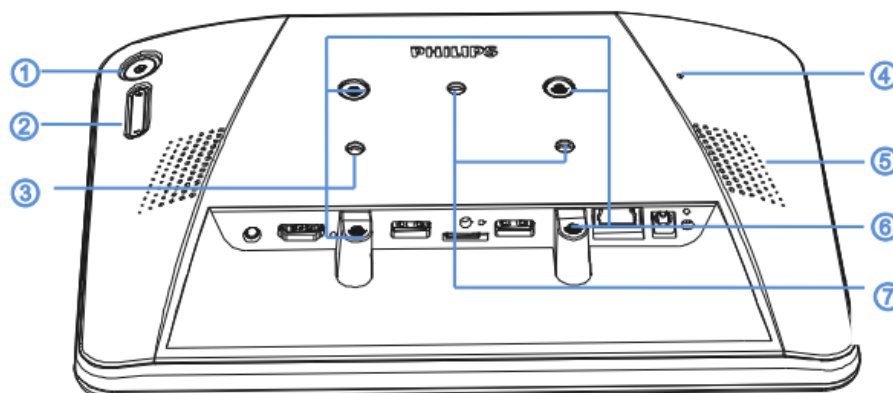
1. If the Google play or any other app store is available – use it
2. If Google play or any other market store is not available, obtain the Tigermeeting APK by downloading from the Admin App
3. Upload the Tigermeeting Android APK to the device by using USB or Bluetooth
4. Switch of the Mobile network – 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. Make it a “Home screen” when asked for – it could happen after the first reboot.
8. Allow access to the device’s storage (photos or disk could be asked)

NOTE: The device is fully operational just when the green, default theme appears.

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:

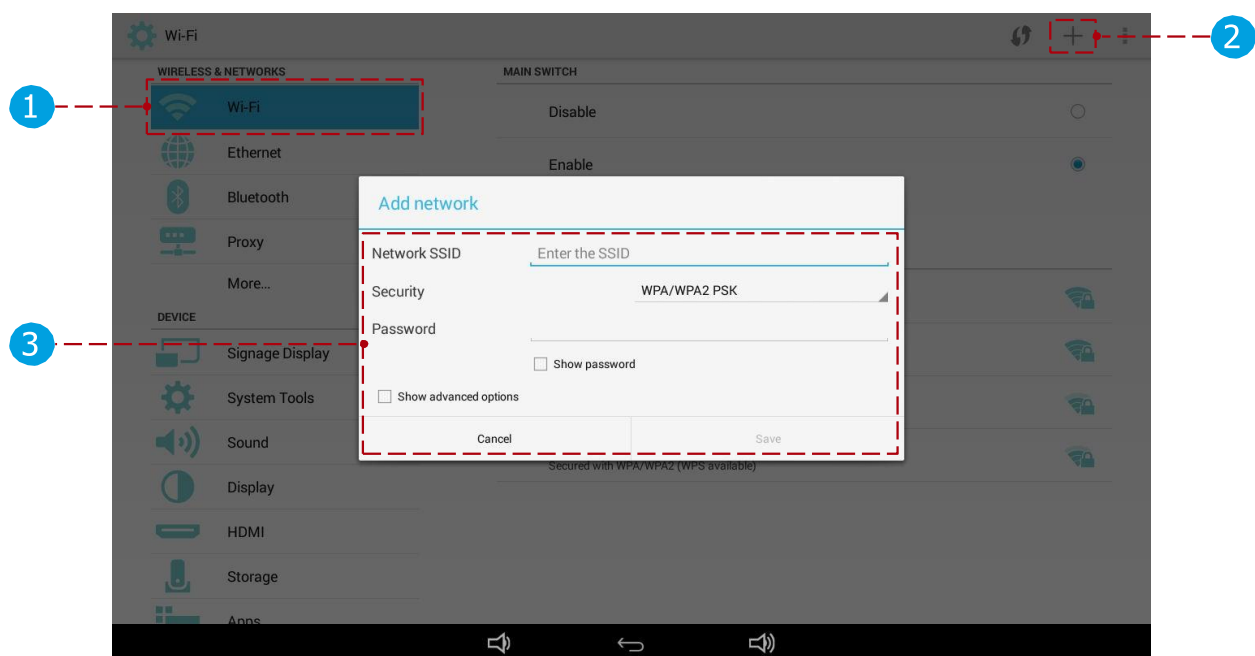
① Turn on the device and enter the Admin mode.

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

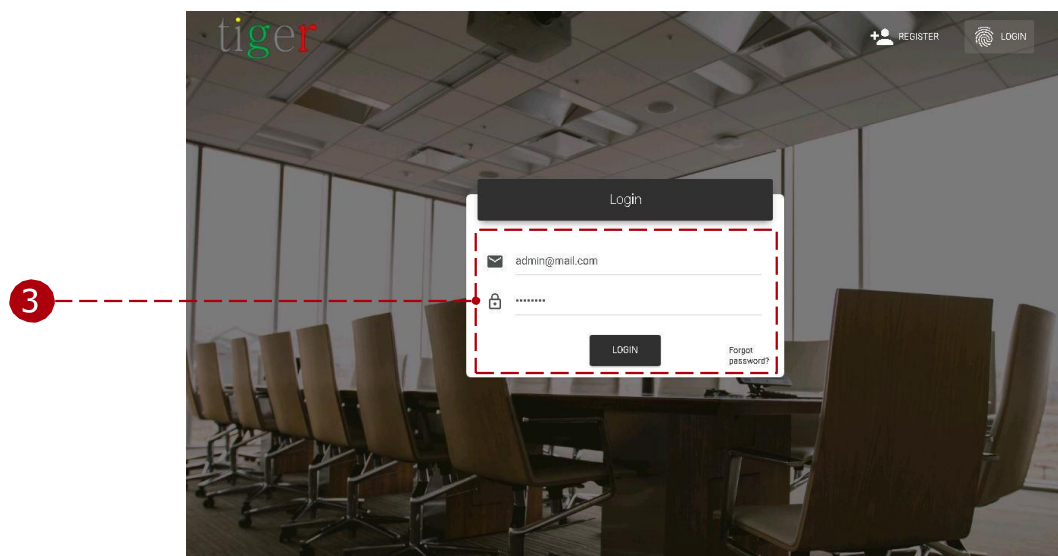
① Under device Settings, "Wireless & network" select Wi-Fi connection.

② Add network and add network parameters.

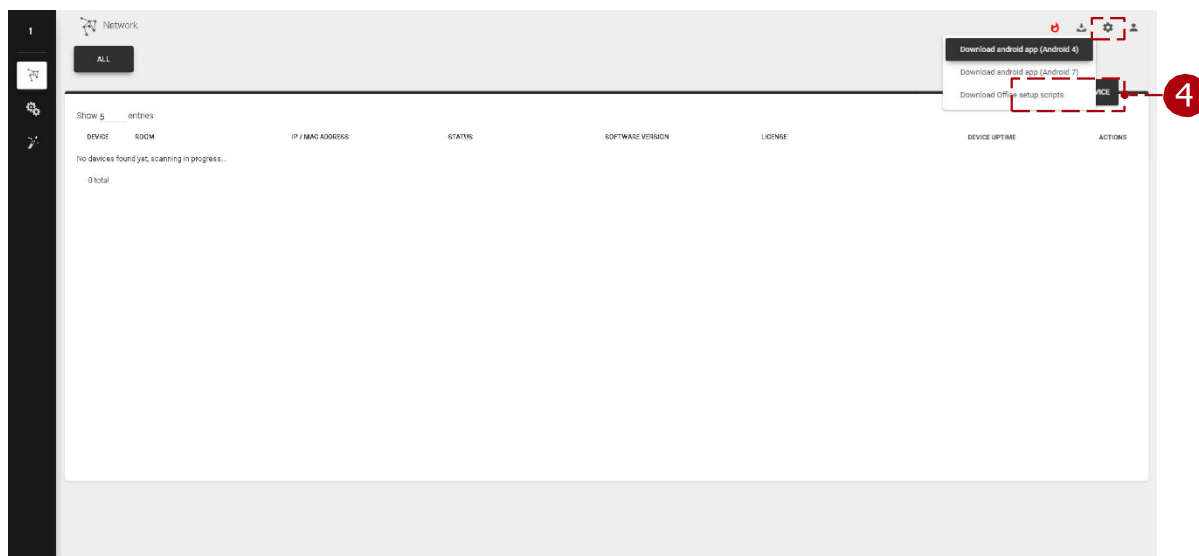
③ Save and connect to the network.



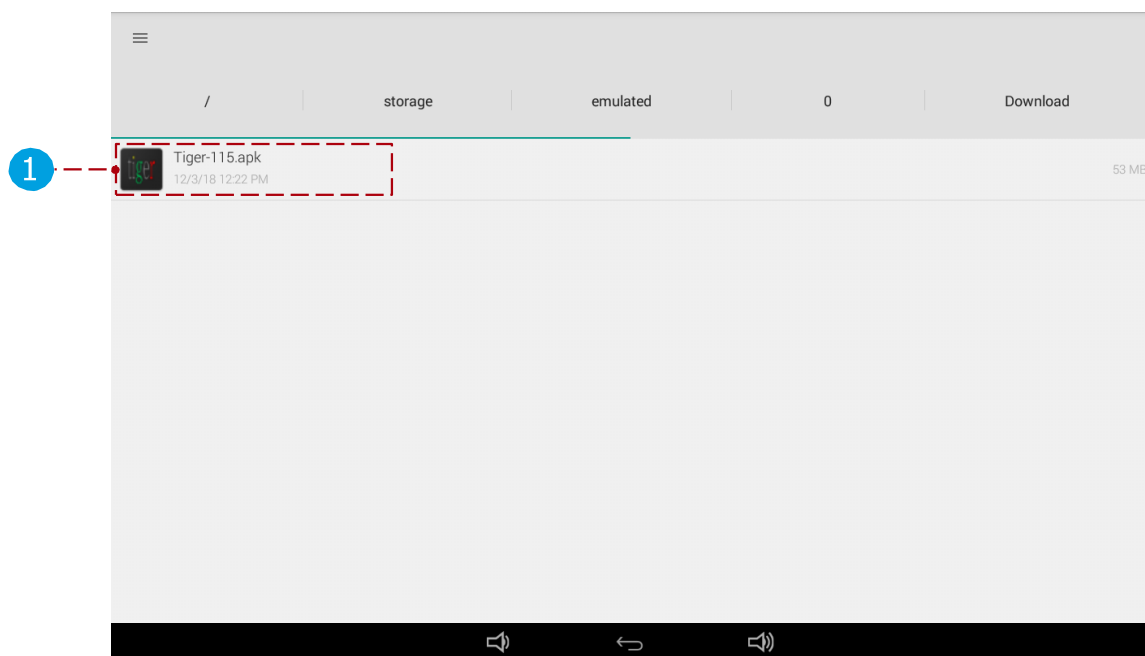
3 Start the Tigermeeting admin application and log in.

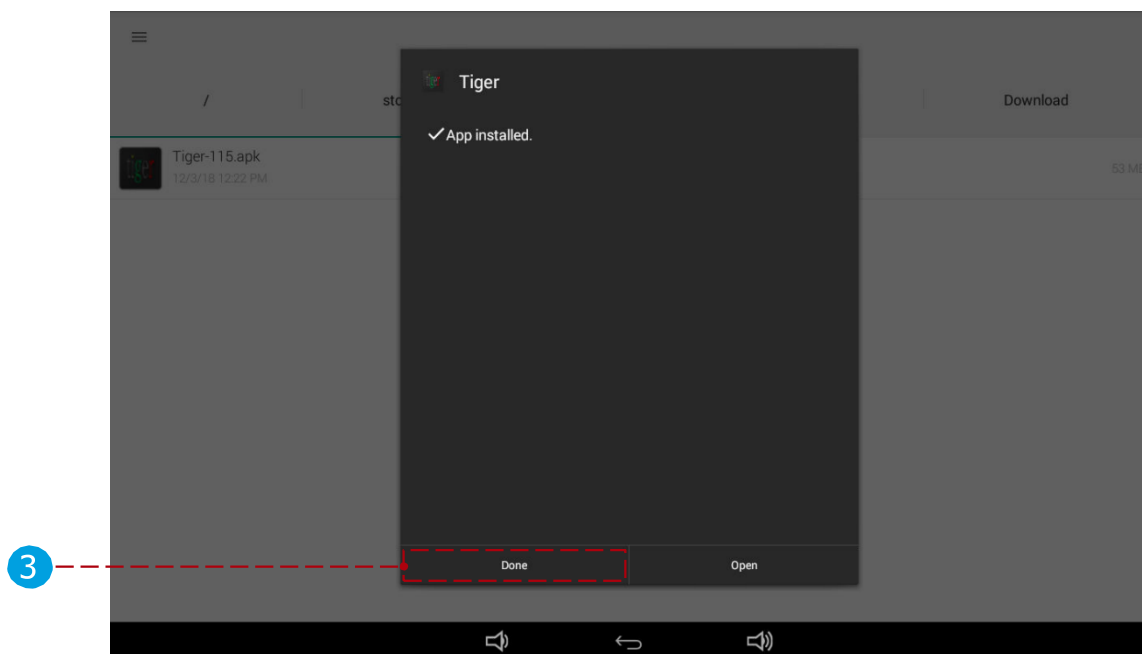
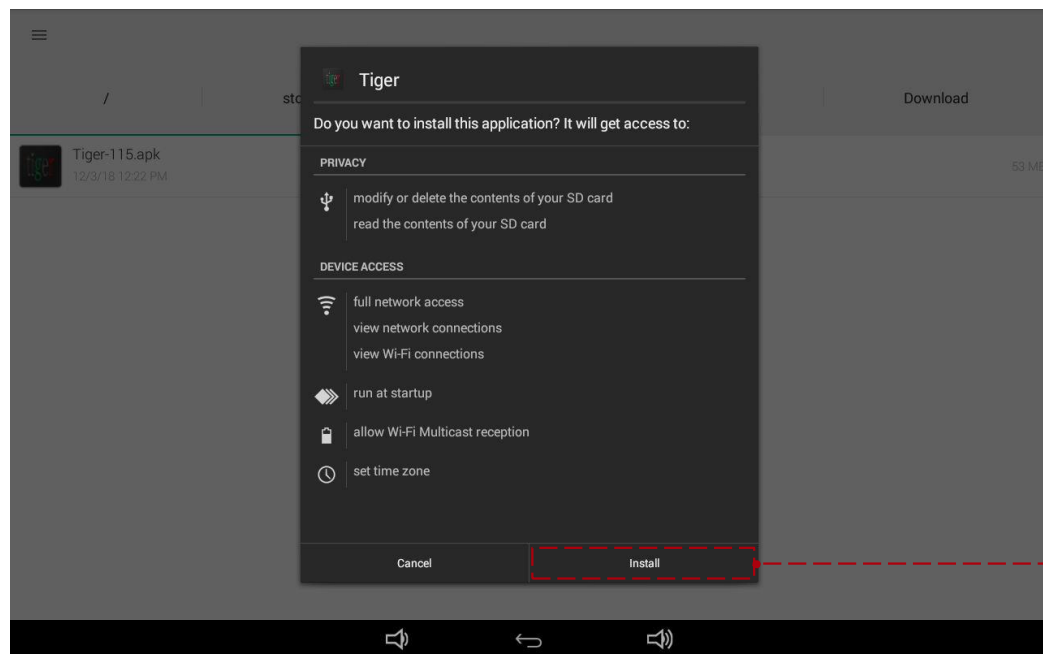


- 4 Download the Tigermeeting android application from the admin application.



- 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"

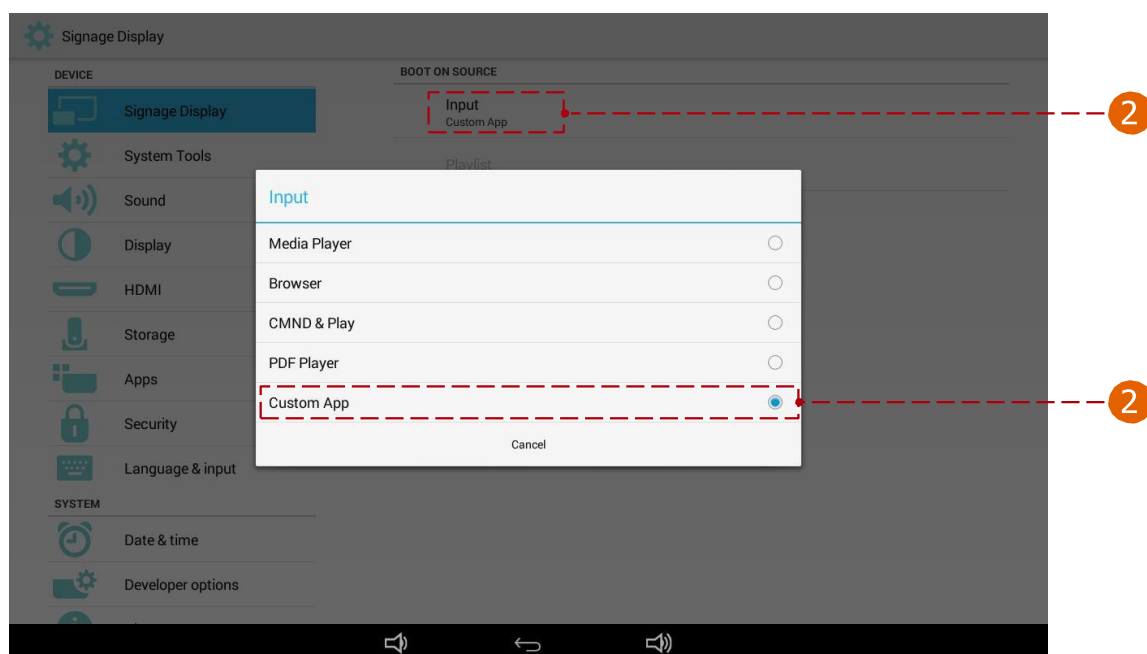
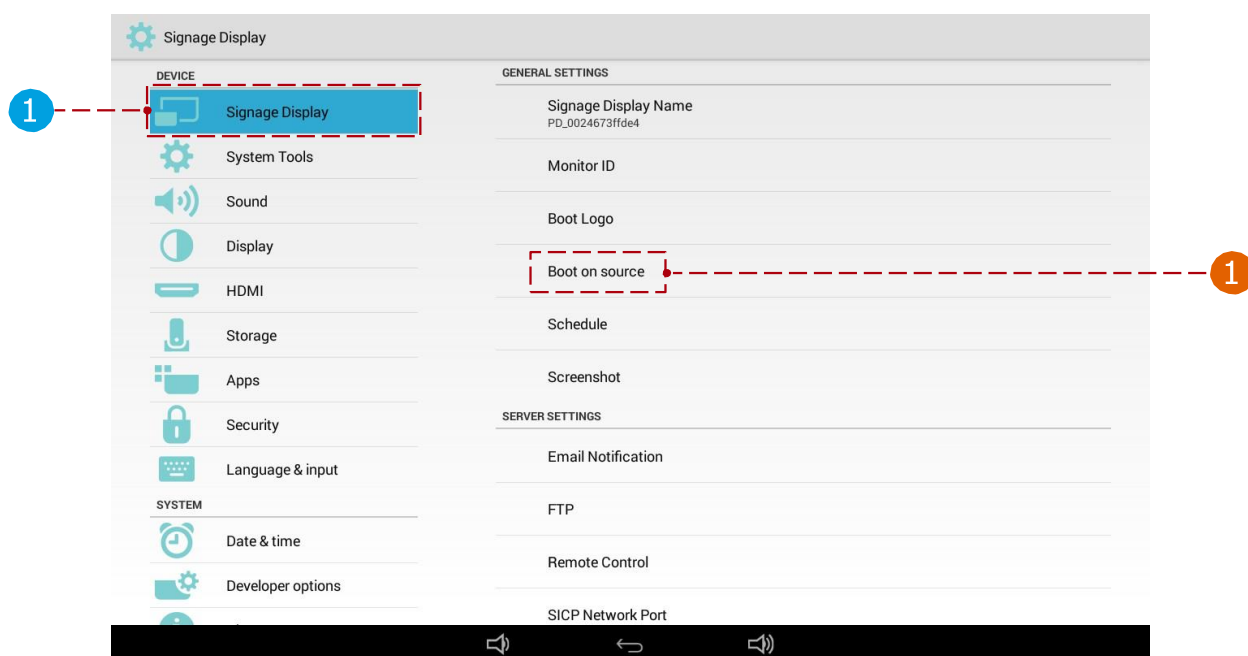
1. Under "General Settings" submenu open "Boot on source".

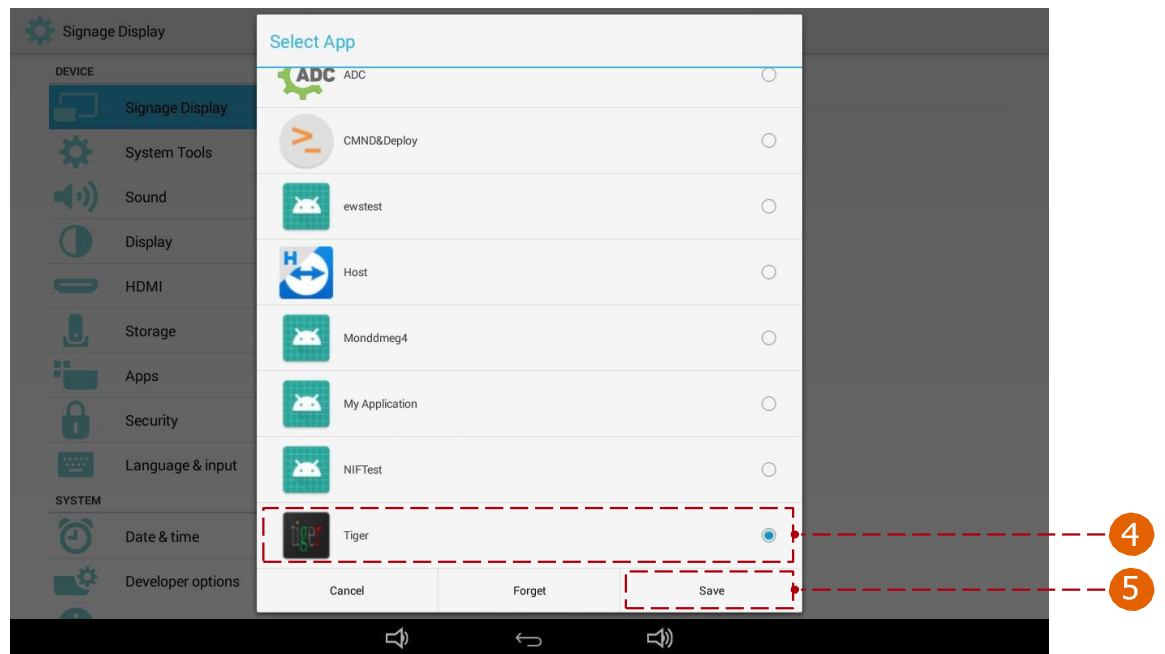
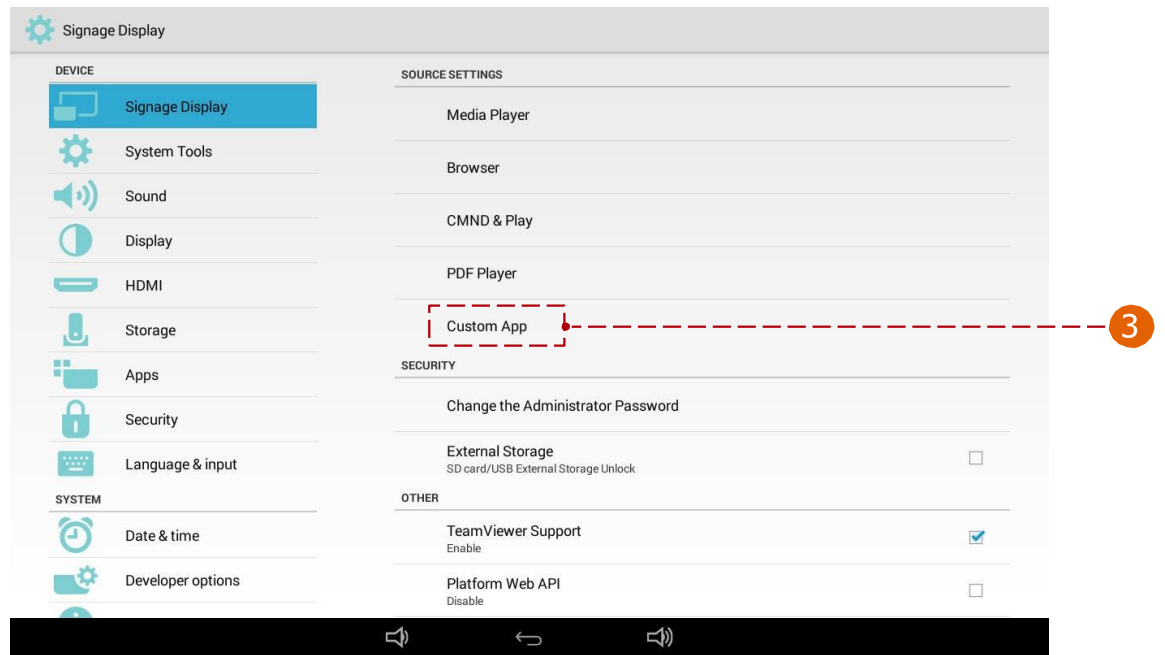
2. Change "Input" parameter to "Custom App".

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

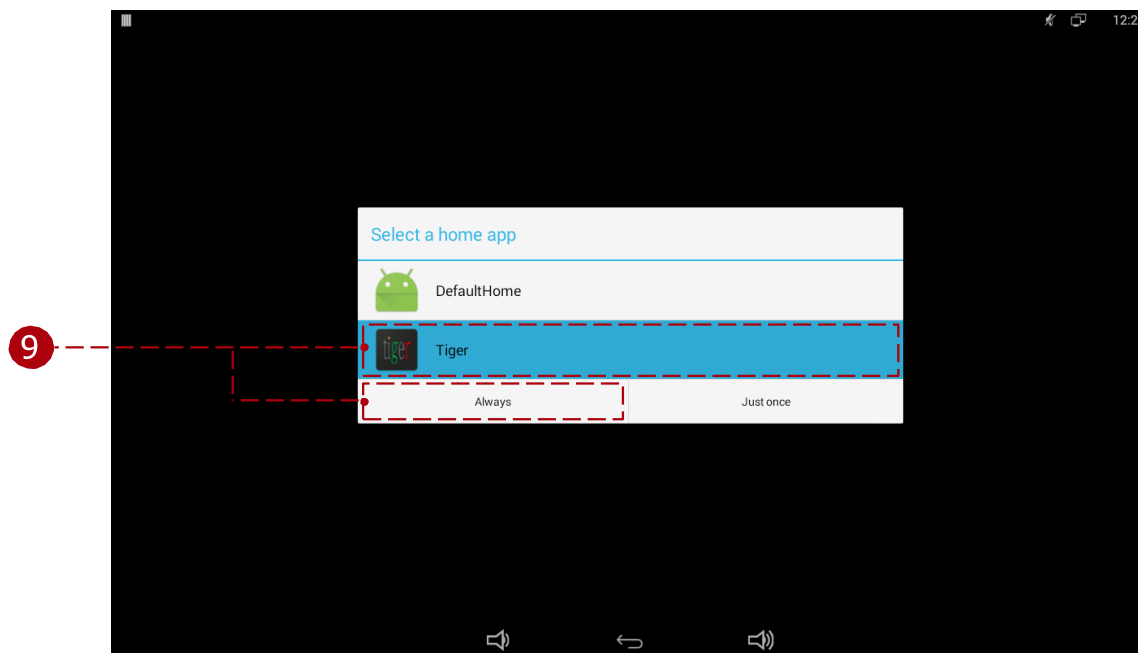
4. Select the "Tigermeeting" application.

5. Save the settings.





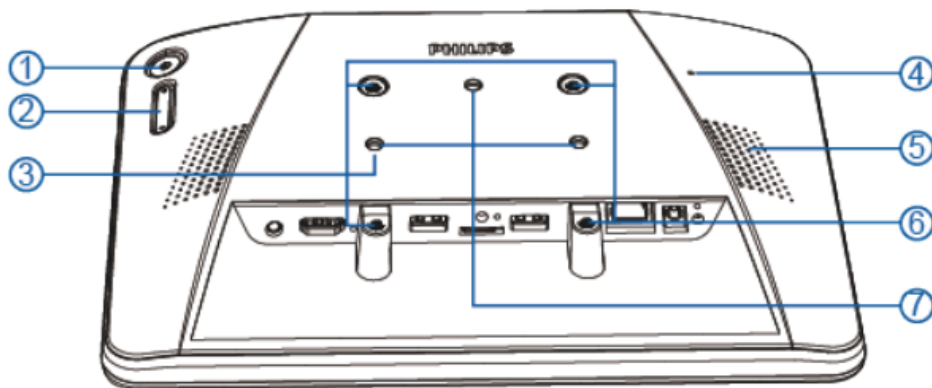
- 9 Go back to the main screen and select always the Tigermeeting application as "Home app". From here the device is configured and ready to work.



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):



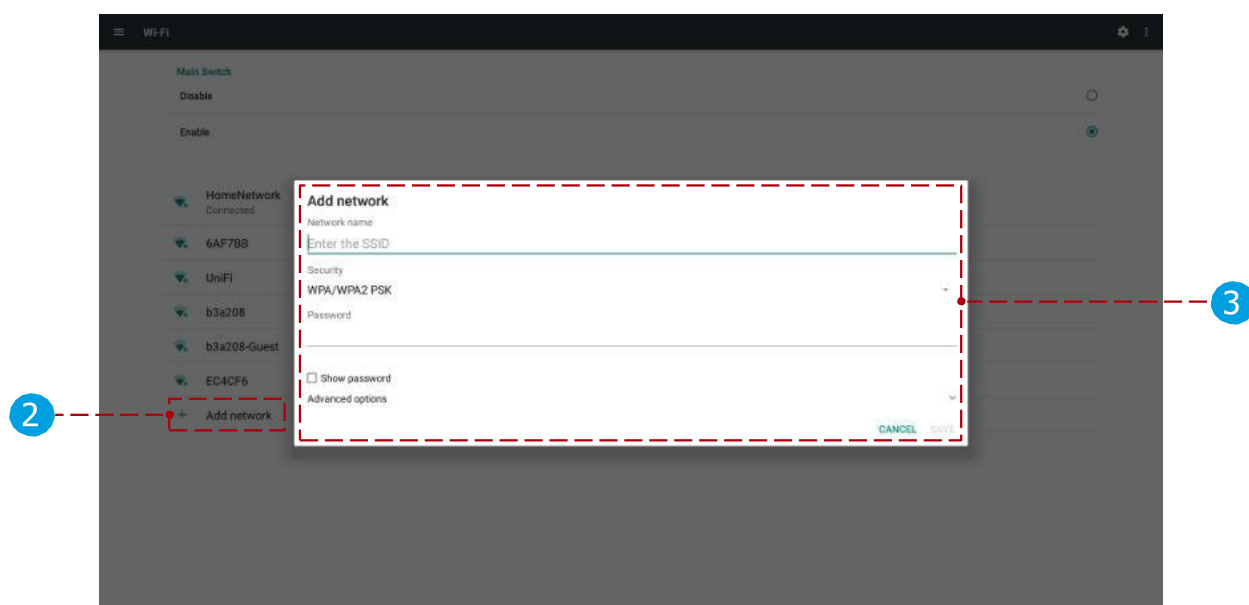
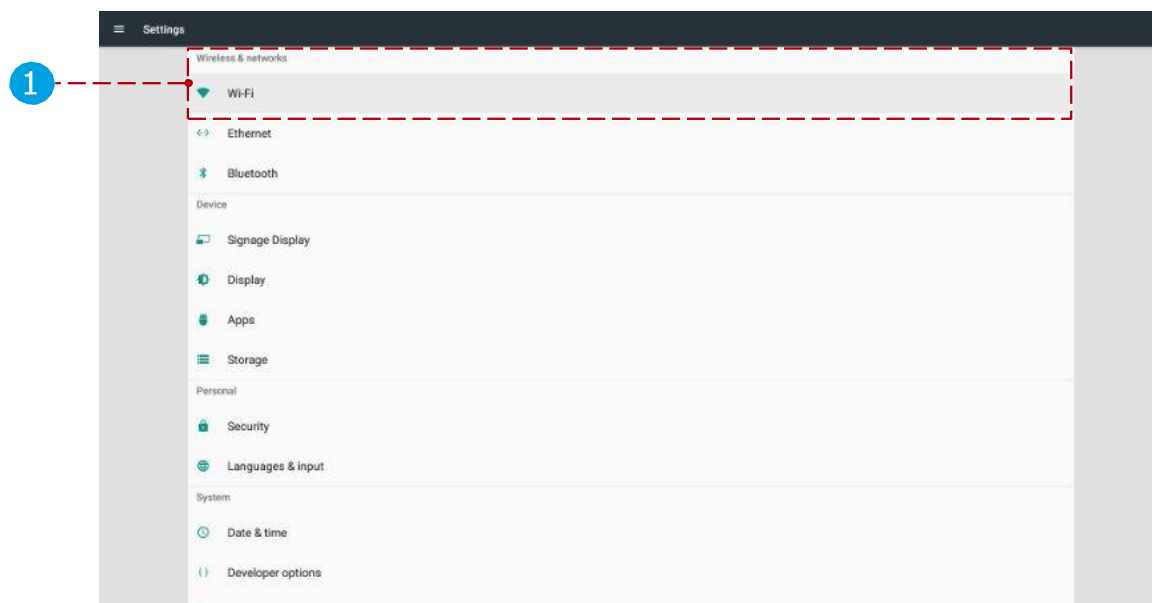
- ① [Menu] Button
- ② [Volume +/-]
Volume up and down

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

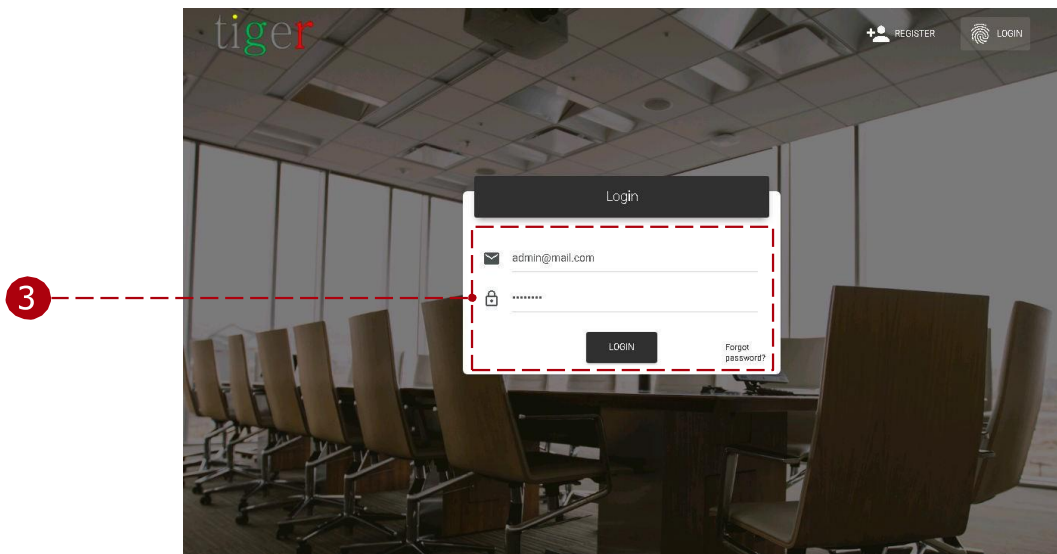
- ③ [Stand screw hole]
- ④ [Reset] Button
Factory Reset
- ⑤ [Speaker Hole]
- ⑥ [VESA mount]
Screw spec: M4
- ⑦ [Wall Mount Screw Hole]

Please, follow the installation steps:

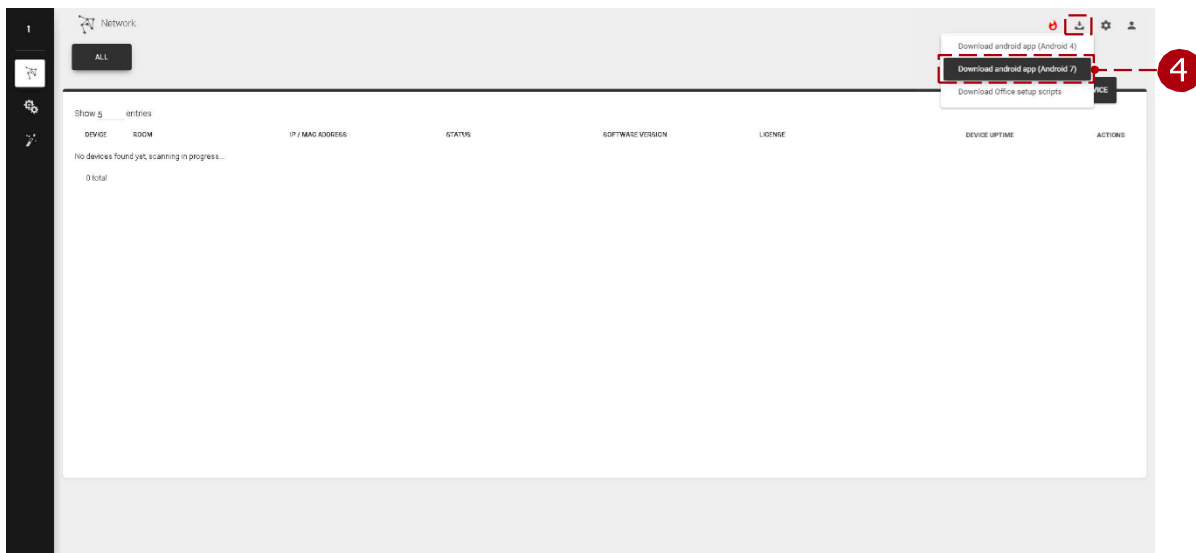
- ① Turn on the device and enter the Admin mode.
- ② Set the network connection: Select Wi-Fi or Ethernet connection. Check connection state.
 - ① Under device Settings, "Wireless & network" select Wi-Fi connection.
 - ② Add network and add network parameters.
 - ③ Save and connect to the network.



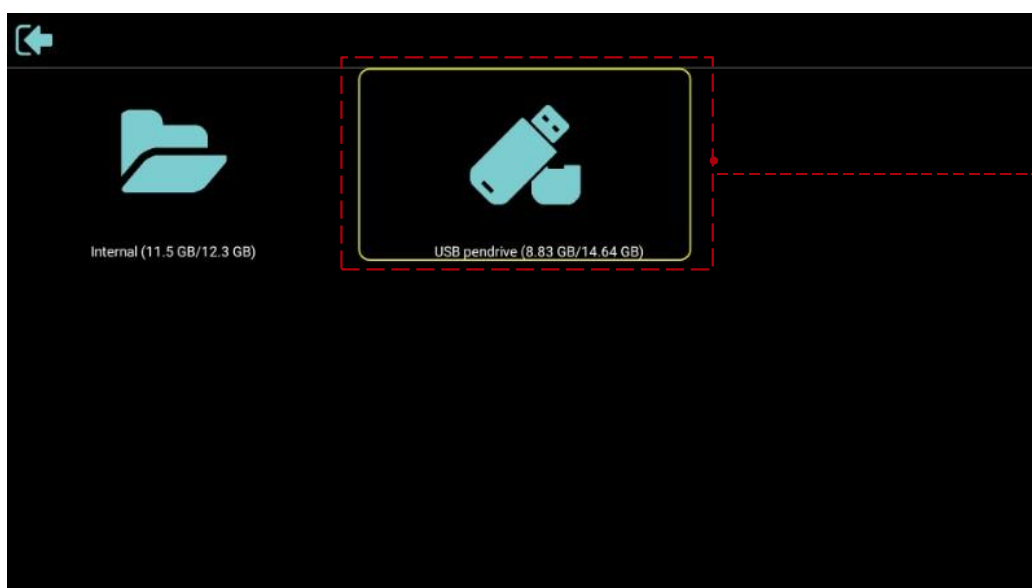
- 3 Start the Tigermeeting admin application and log in.

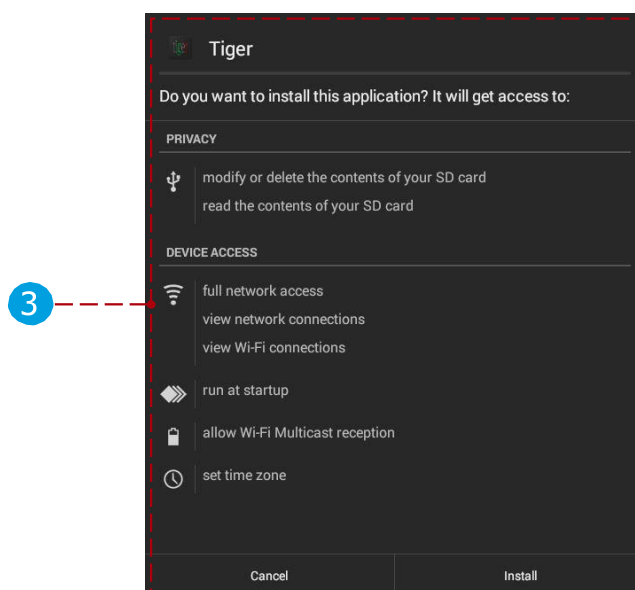
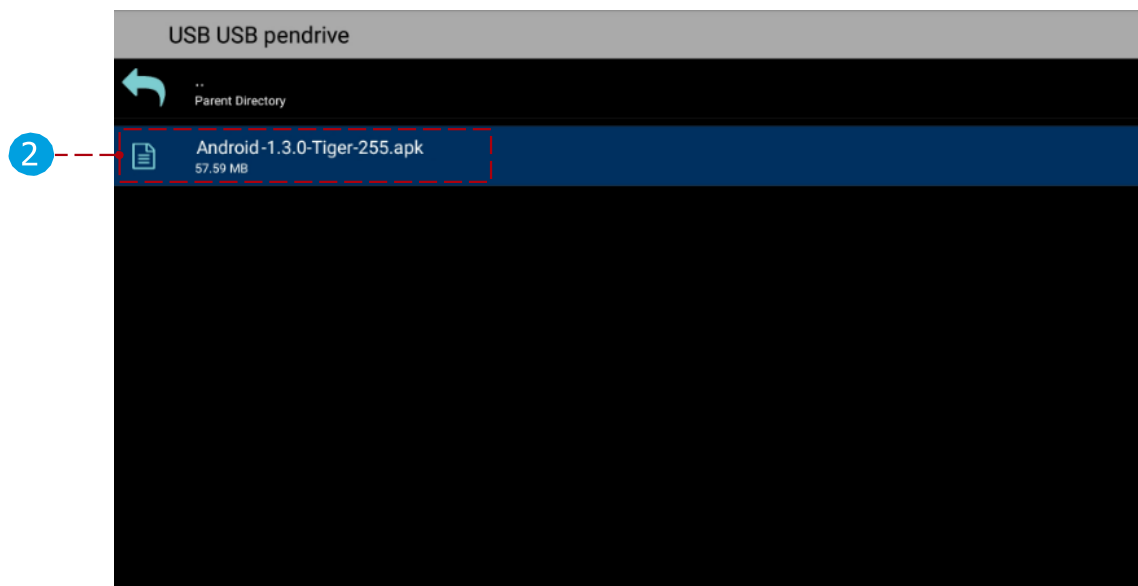


- 4 Download the Tigermeeting android application from the admin application.



- 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.



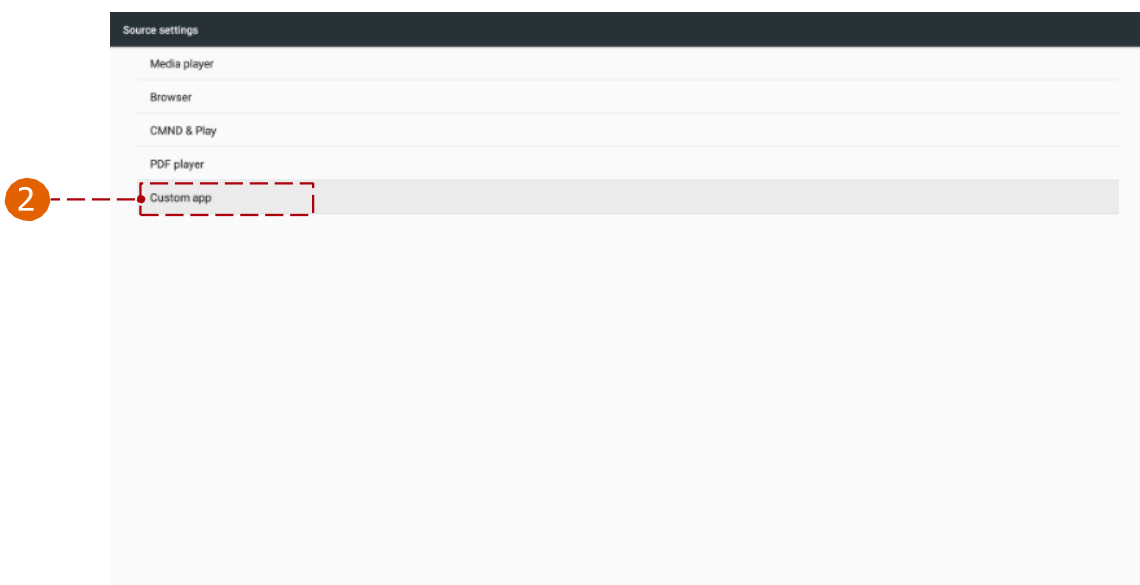
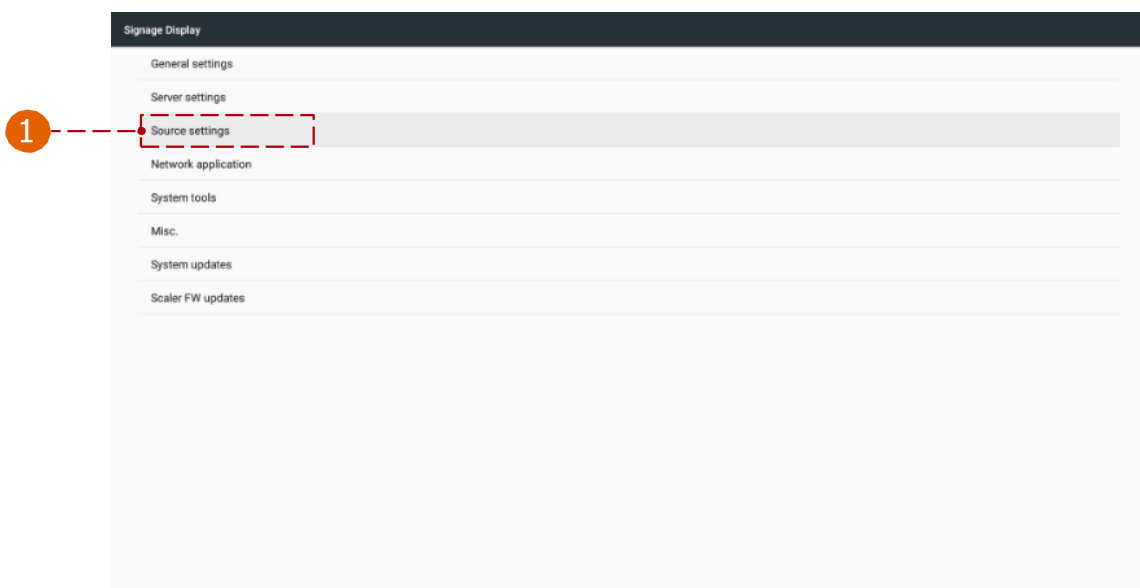
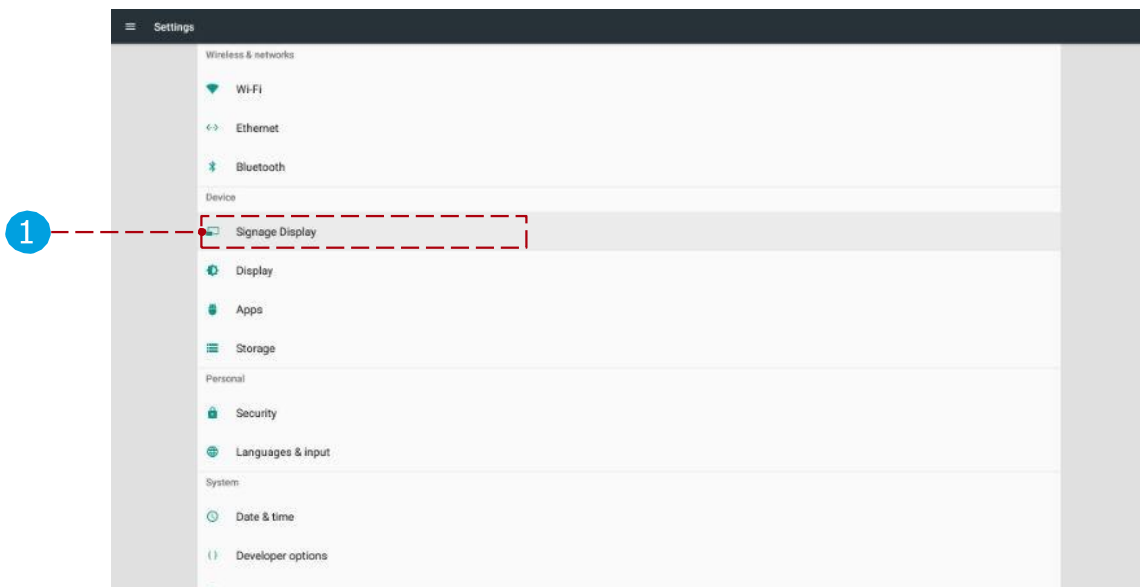


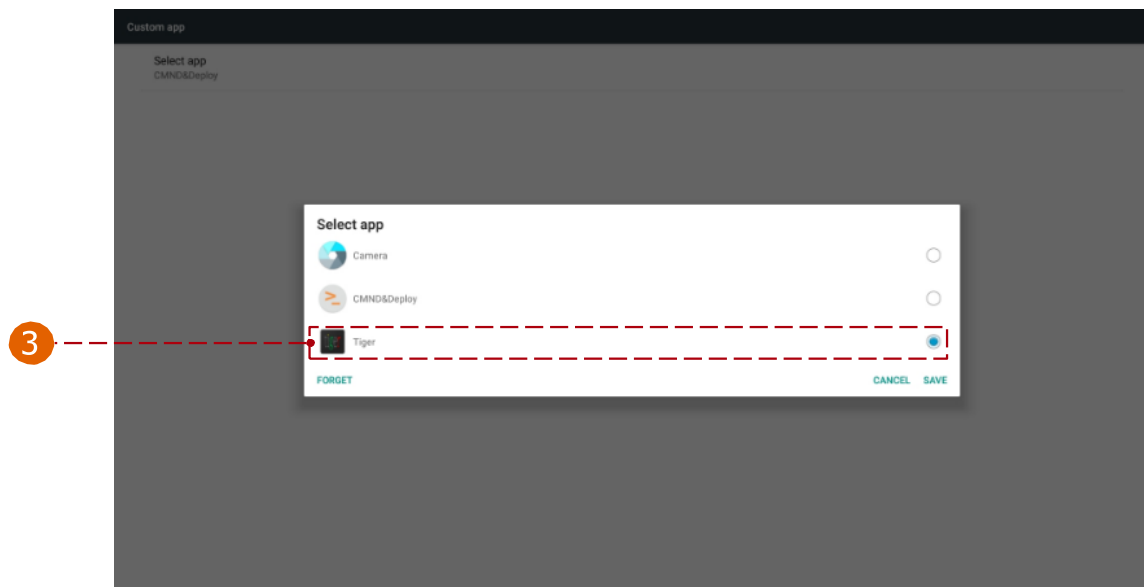
8 Open the device's settings again.

1 Open "Signage Display"

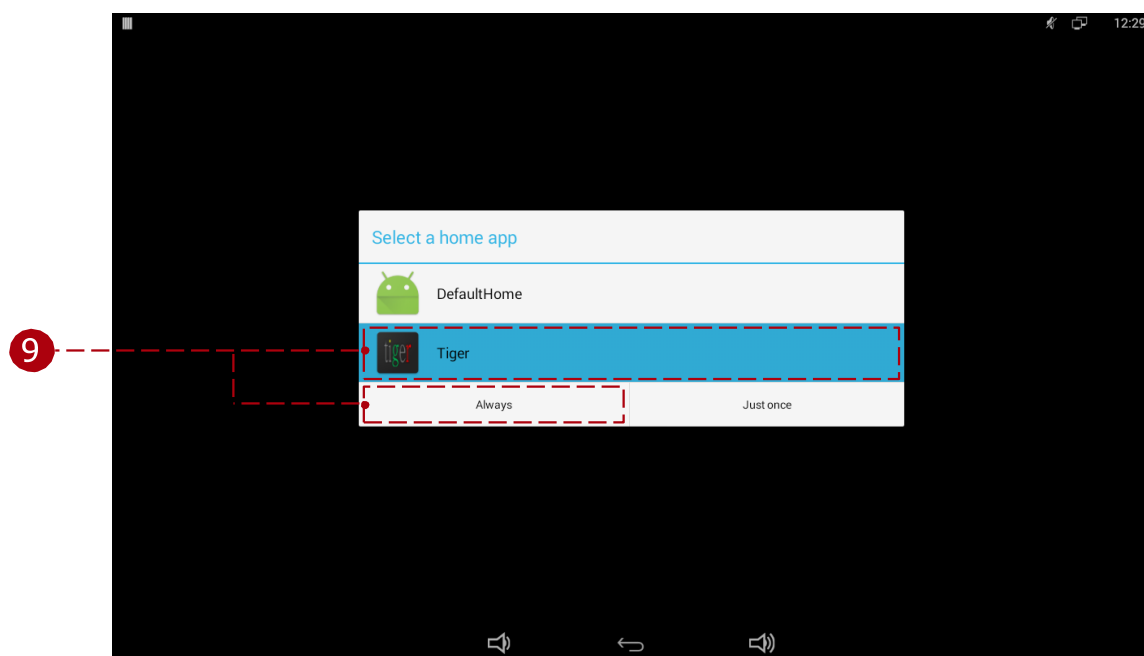
1 Open menu "Source
2 settings". Open menu
3 "Custom App".

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



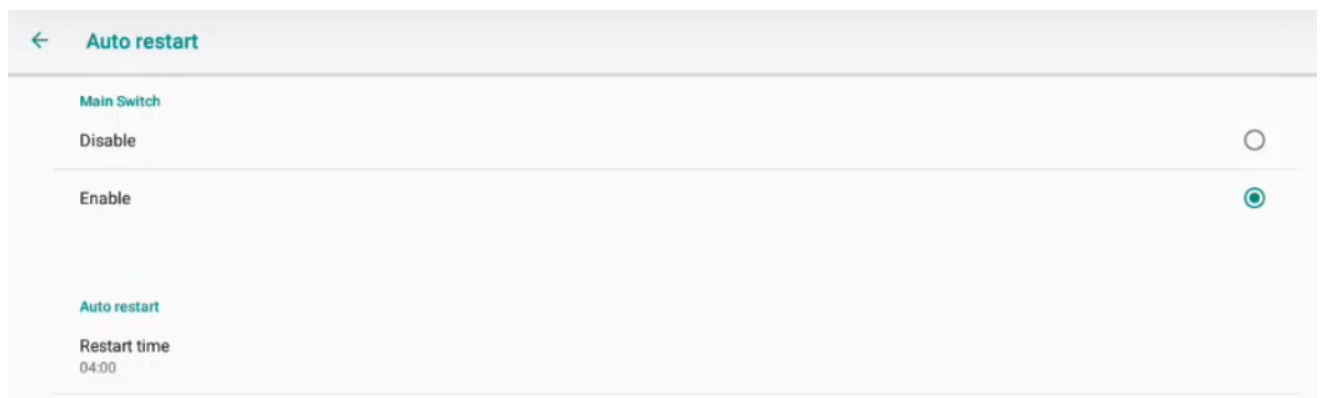
IMPORTANT NOTE

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.

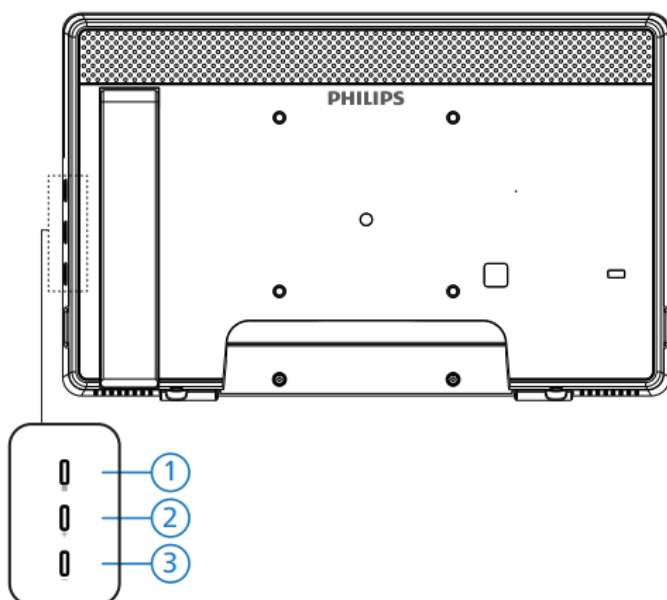
Settings -> Signage Display -> System tools -> Auto restart -> Enable, set 4am (for example)



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

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.

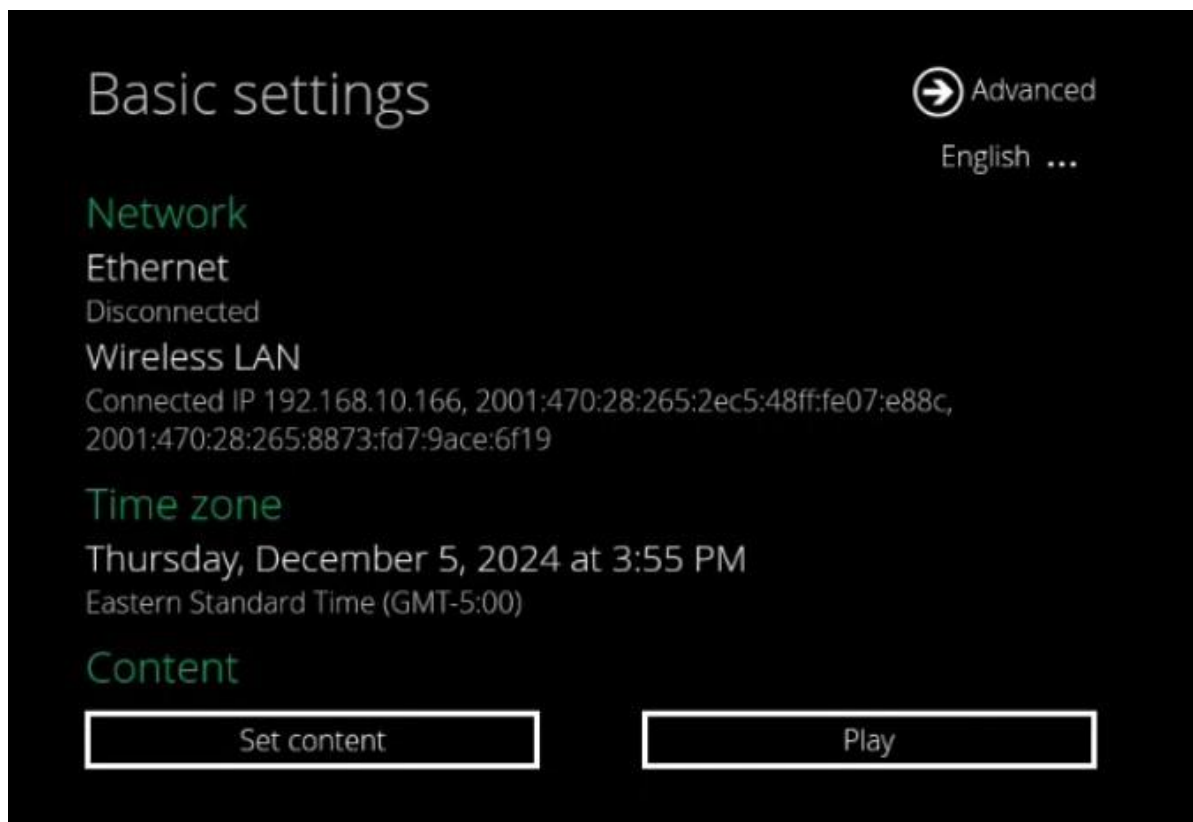
Installation on IAdea screens

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.

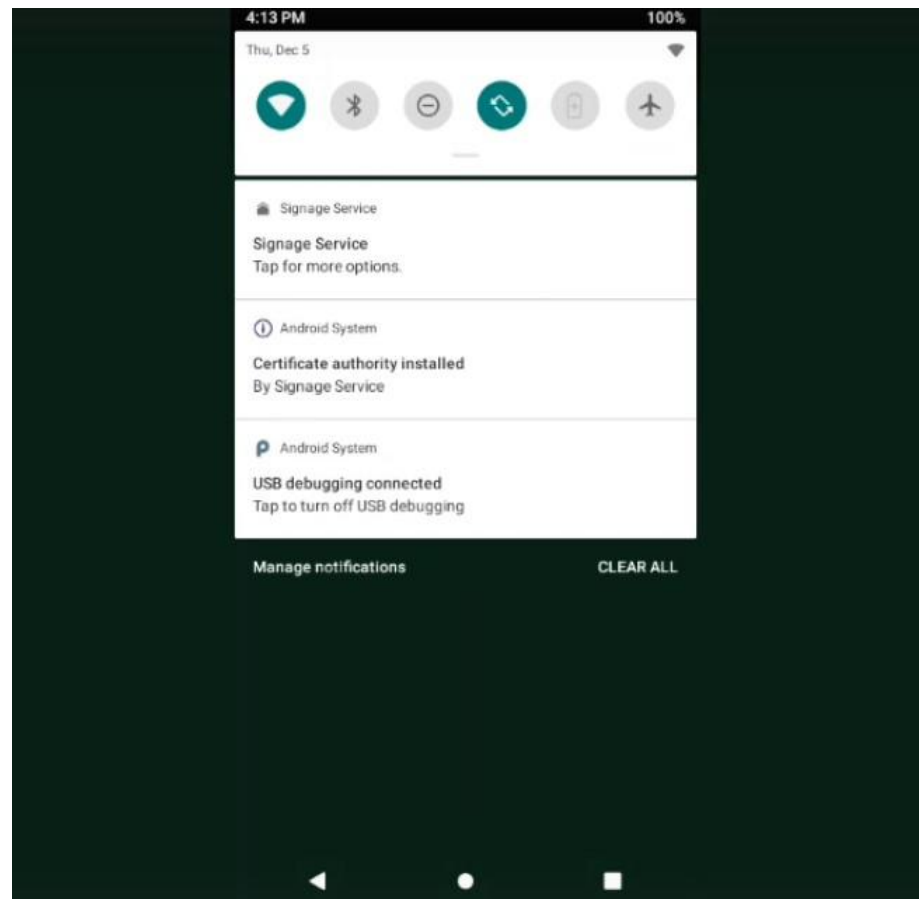
Please, follow IAdea screen's official installation documentation: How to launch the app by AppStart™ and exit the app properly?

Installation steps based on the above document:

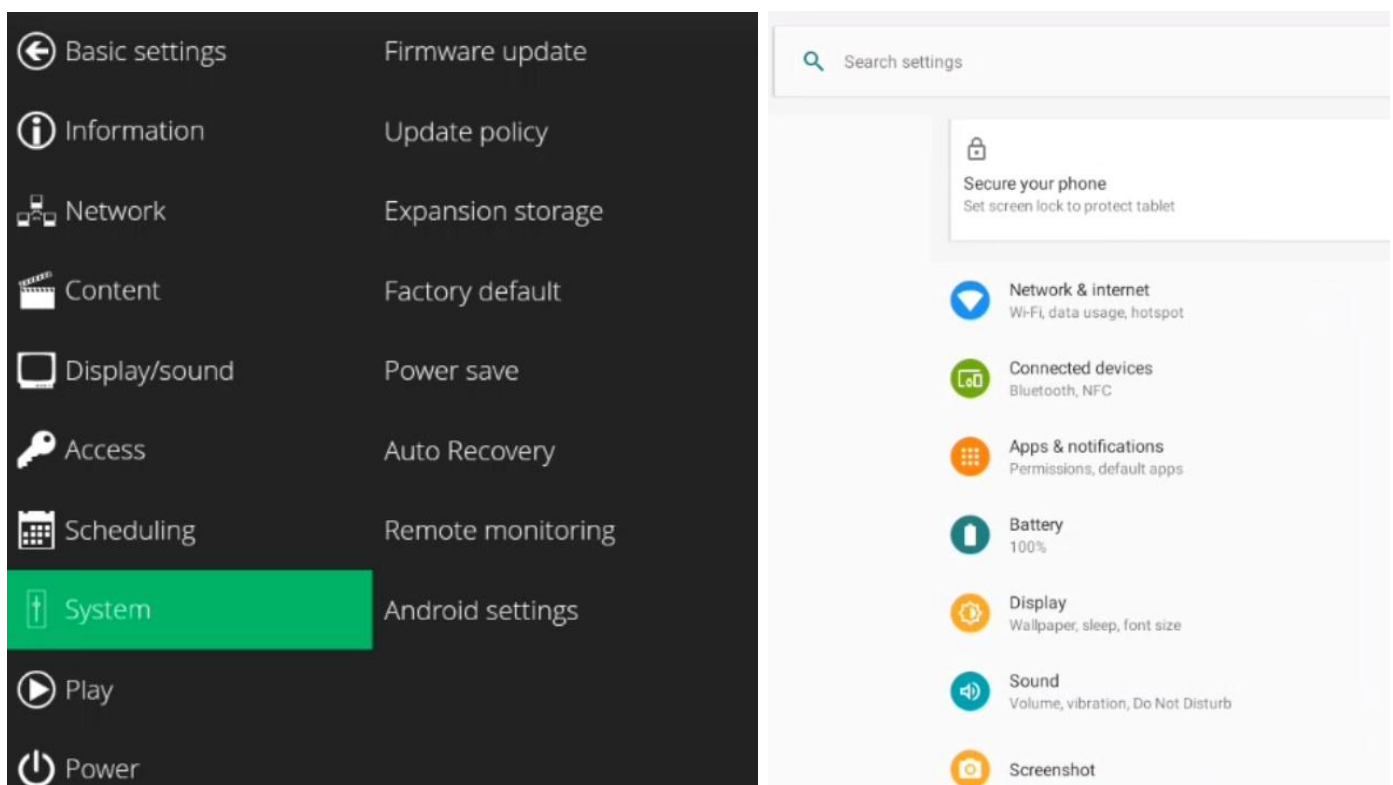
1. Download the Tiger APK from the Admin App and copy to a USB drive
2. Power up the device and wait until the “**Basic settings**” menu appears



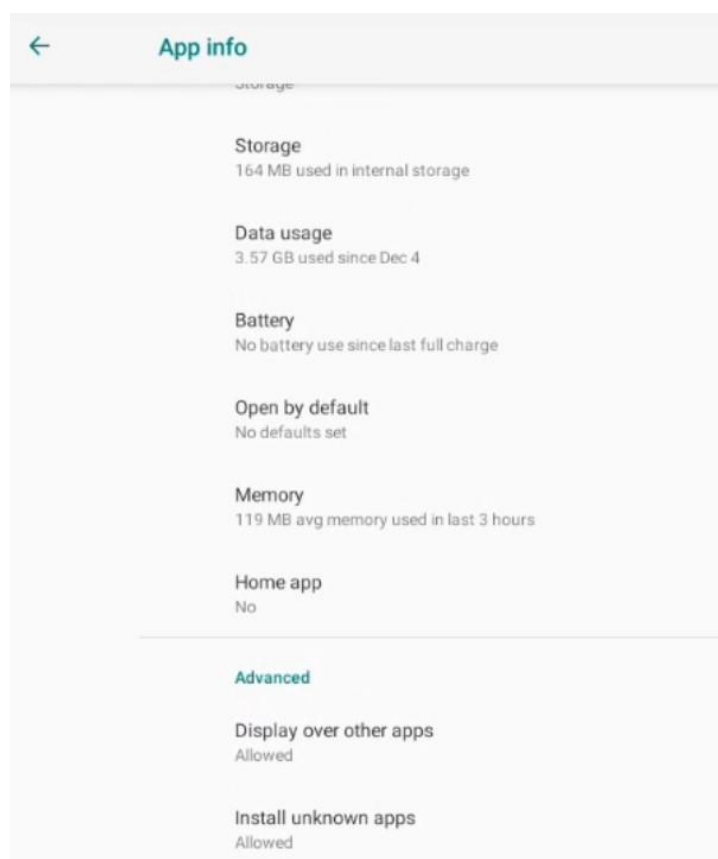
3. Plug in the USB stick that contains the Tiger APK
4. Swipe from the top down in order to appear the system bar that allows access to the USB drive by using the File Manager



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



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

7. 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.

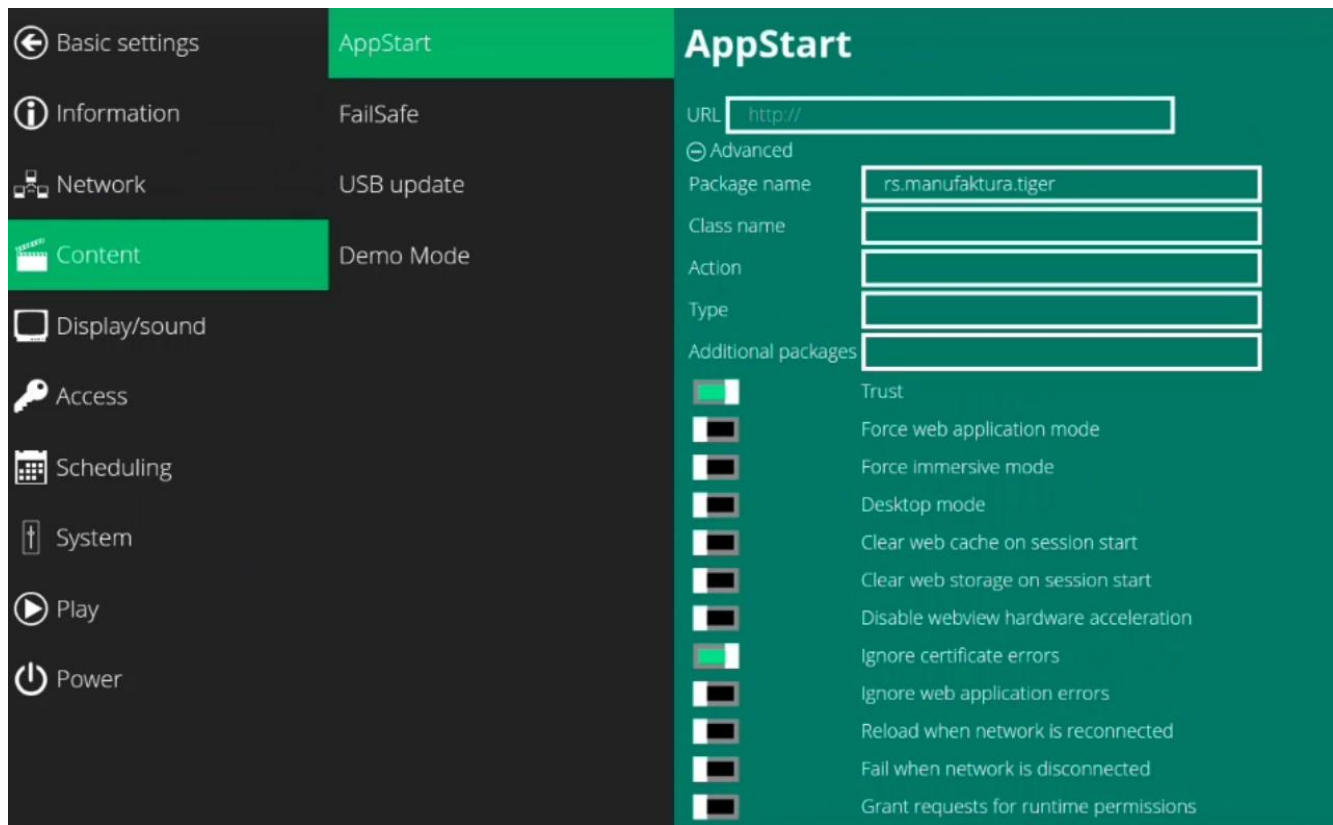
The most important settings are the following:

Package name: **rs.manufaktura.tiger**

Trust: **yes**

Ignore certificate errors: **yes**

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



8. 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.

If the device does not run IDea’s original firmware, it needs to be “neutralized” – how IDea calls the process - with an original IDea firmware PKG.

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

The “neutralizer” firmware can be obtained from IDea’s as well as from the Tigermeeting’s customer support.

The first Tigermeeting APK installation can be performed via a USB drive.

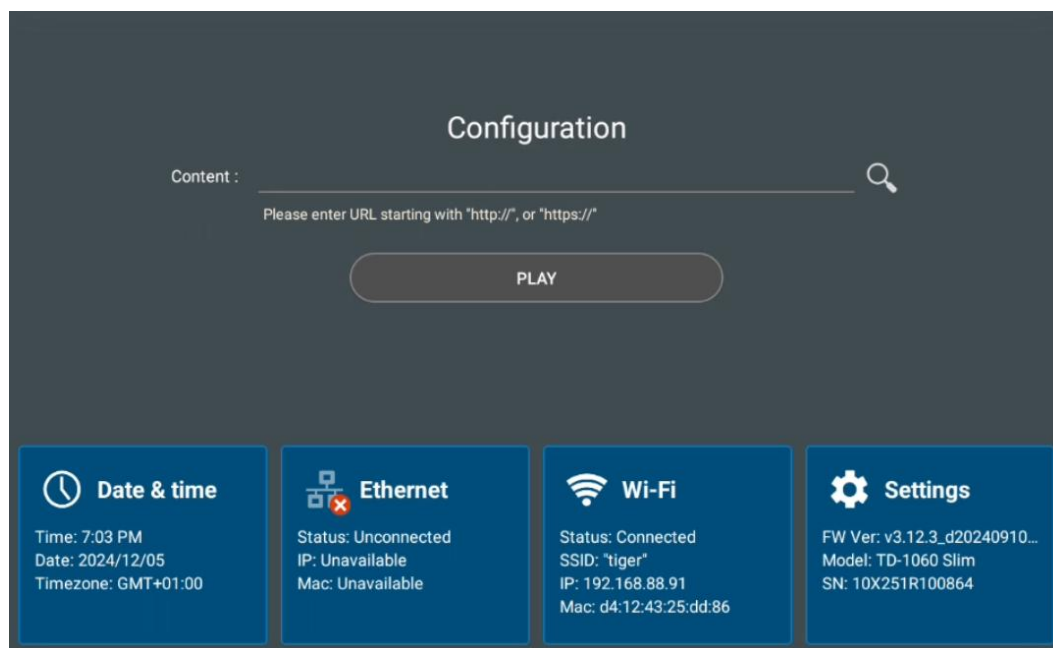
All other generic Android installation instructions apply.

Installation on Qbic screens

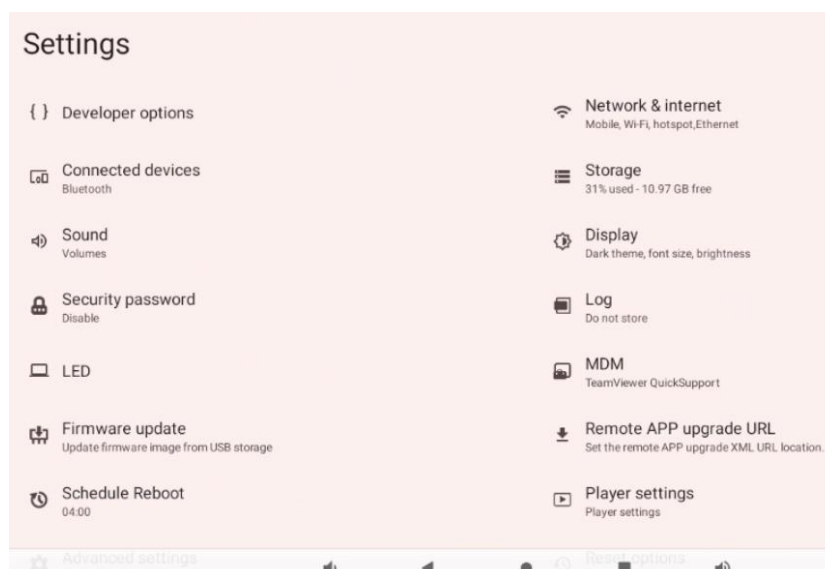
Tigermeeting support all Qbic Technology's ARM and Android based meeting room screens.

Installation steps:

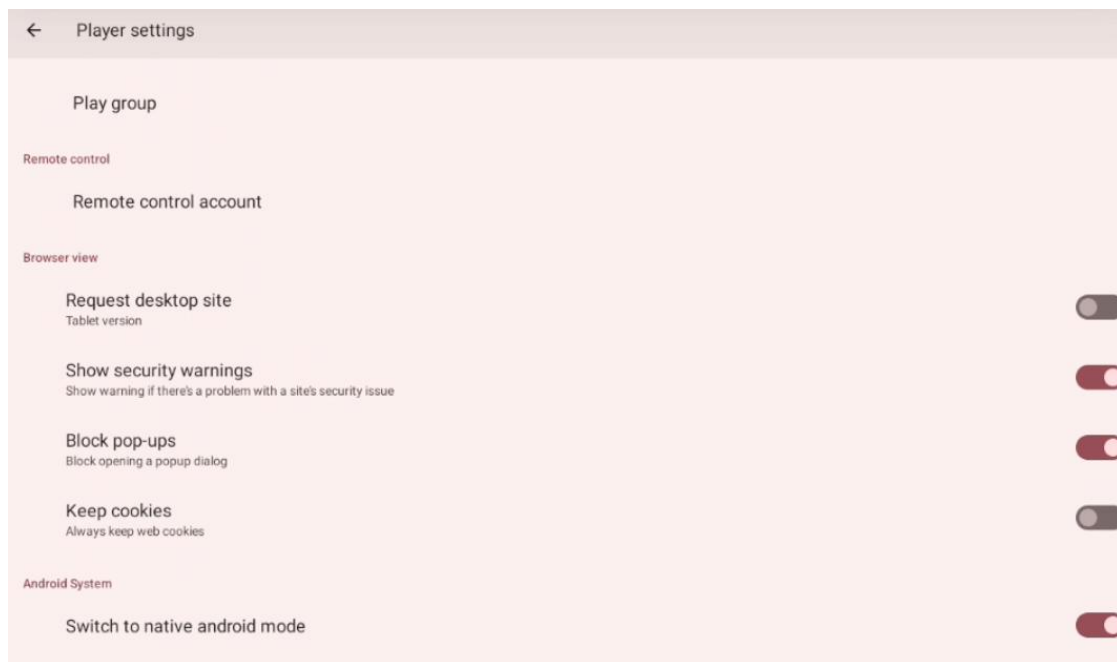
1. Download the Tiger APK from the Admin app
2. Copy to a USB pen drive
3. Configure the device's basic parameters, like time zone, network etc



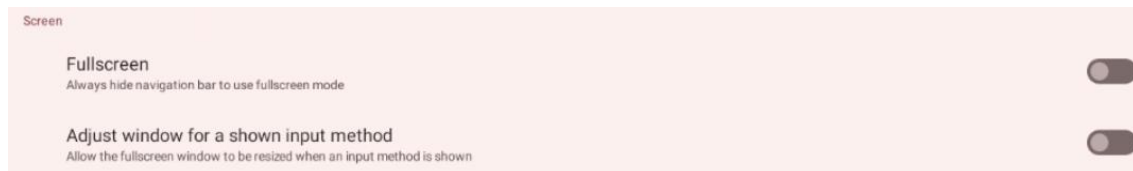
4. Navigate to **Settings->Player settings**



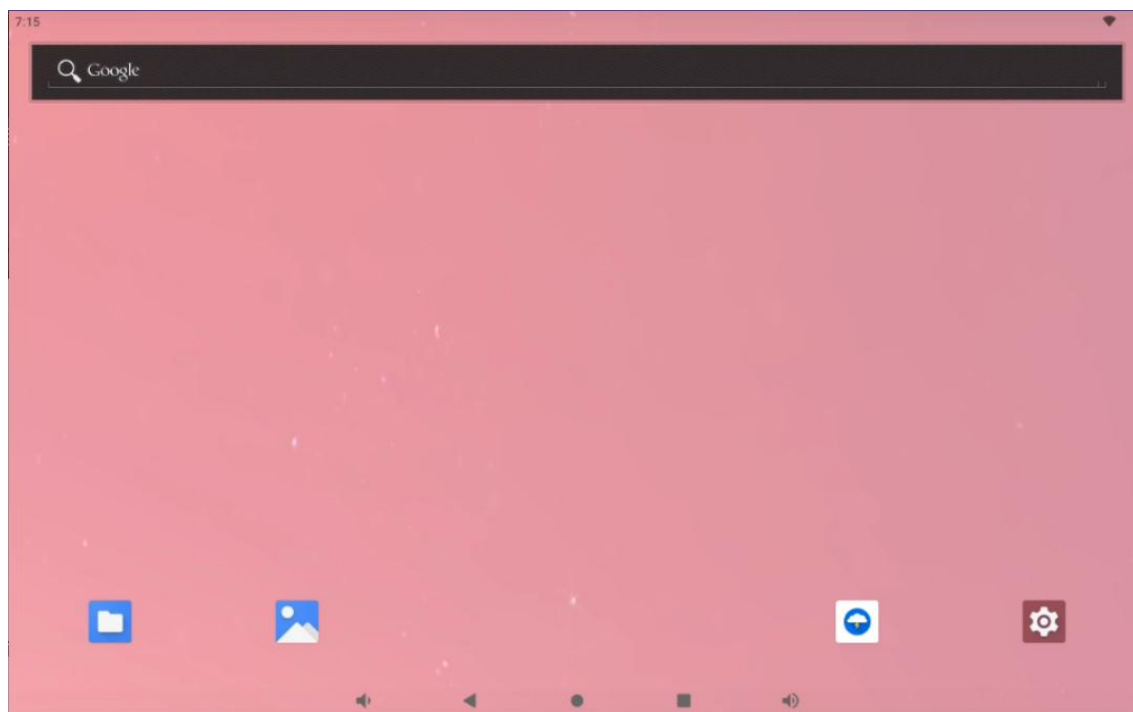
5. Under Android System - switch to “**native android mode**”



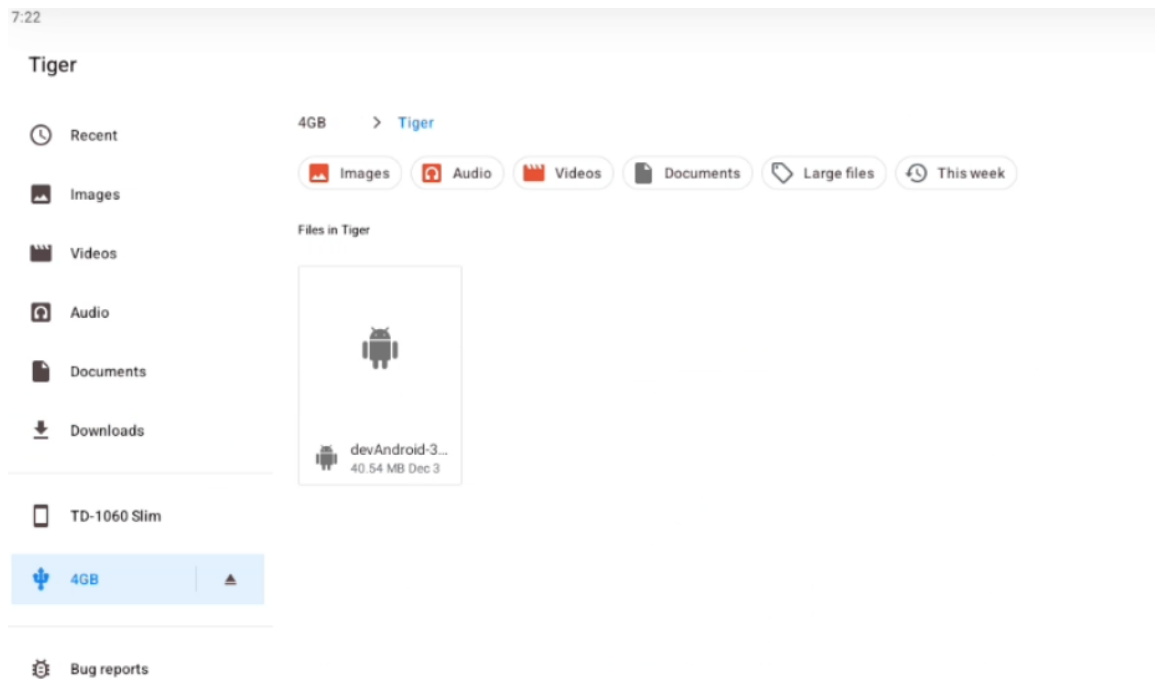
6. Do not bother for the following options – as Tigermeeting handles them within the application (see the **Maintenance mode** chapter in the Admin User manual)



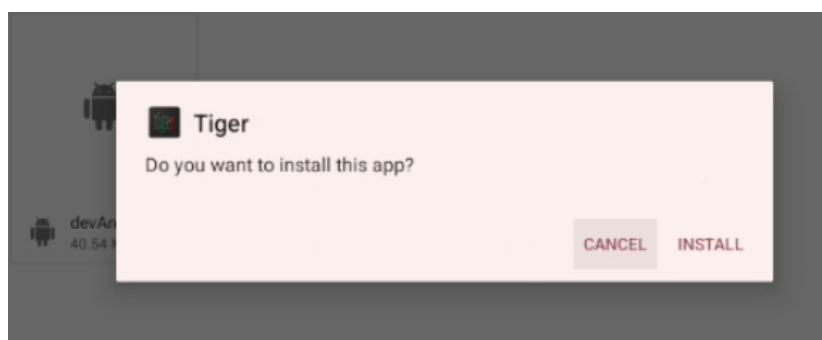
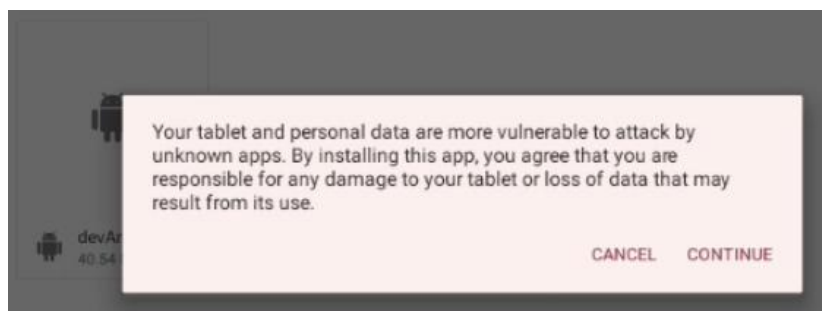
7. Exiting the Setup – the ordinary Android desktop will appear



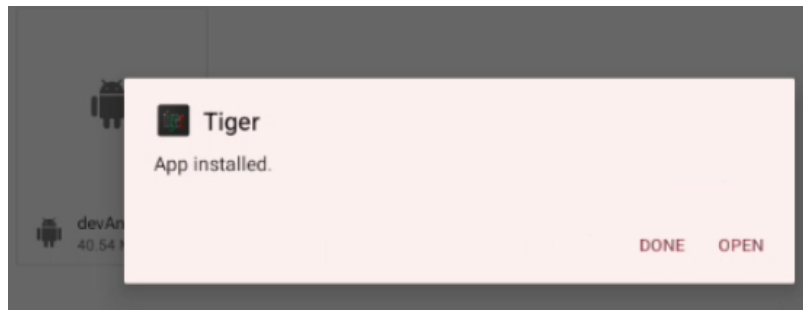
8. Plug in the USB pen drive and by using the File Manager, navigate to the folder where the Tiger APK is.



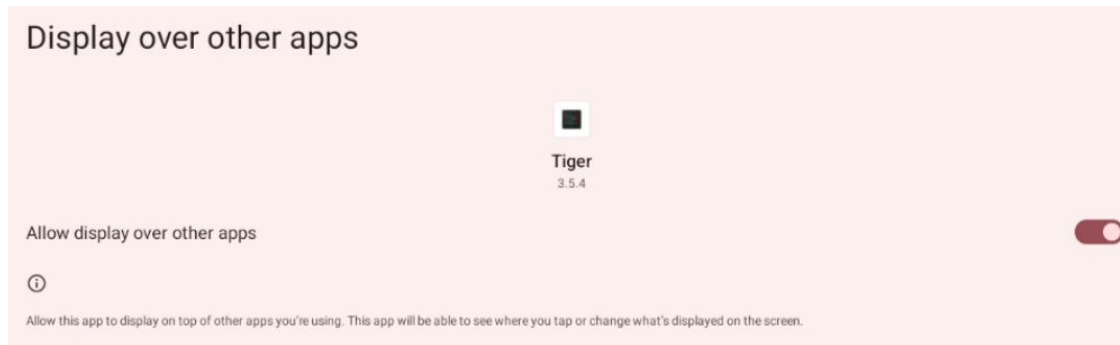
9. Start the installation by clicking on the APK.
10. Please, accept all security warnings and permission requests



11. Open the Tiger app after the installation

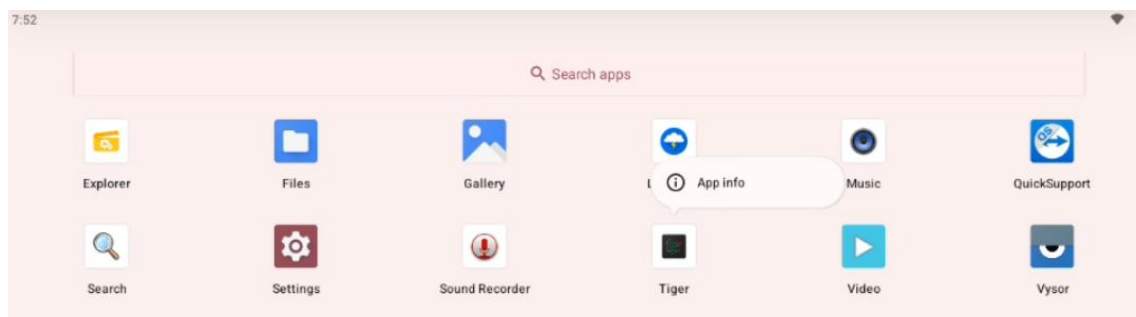


12. Allow the Tiger app to “Display over other apps”

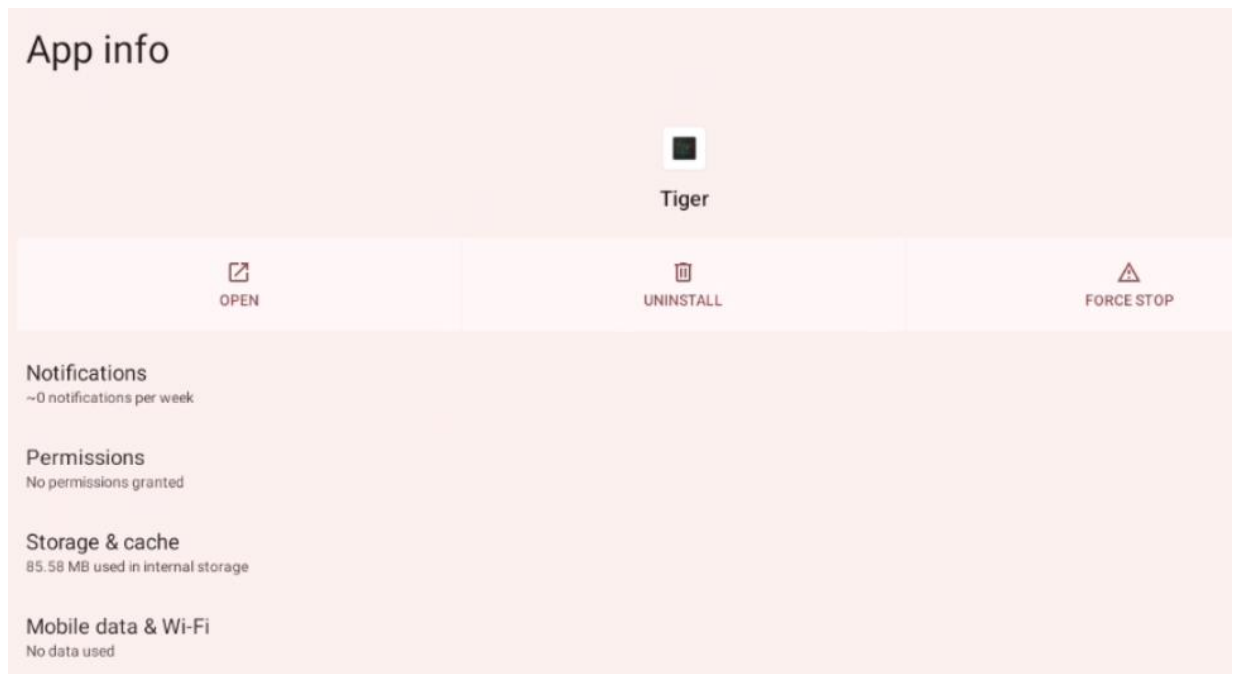


13. Restart the screen

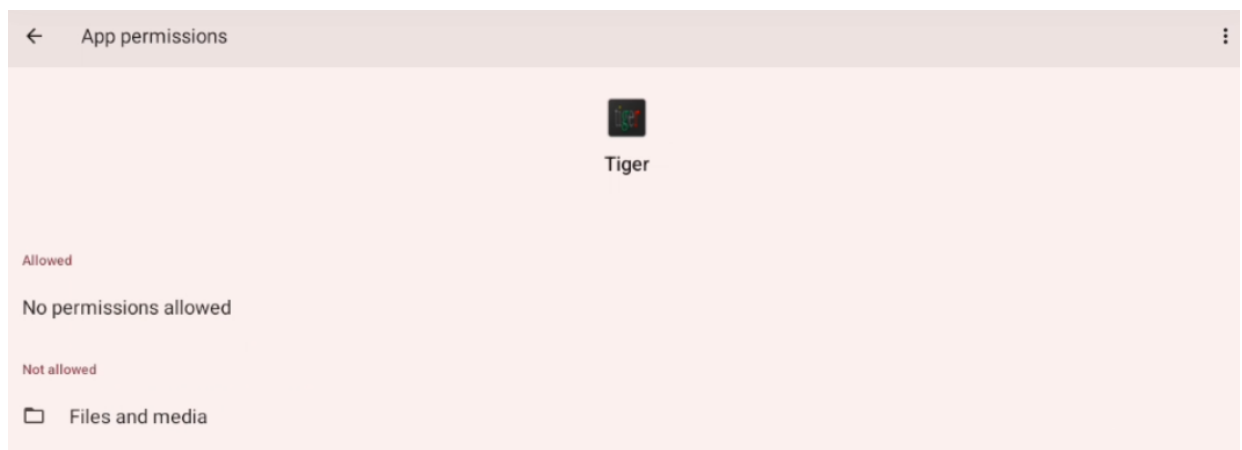
14. A slide from down to up will show the installed applications. Please locate the Tiger app and hold the icon for few seconds (a tap will start, a hold will allow edit the app parameters)



15. Tap the **App info**



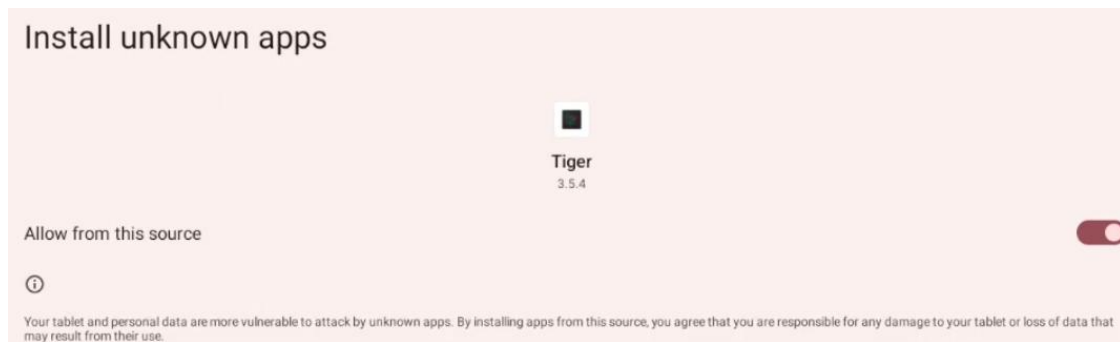
16. Tap **Permissions** and grant the needed permissions:



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 on 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/>

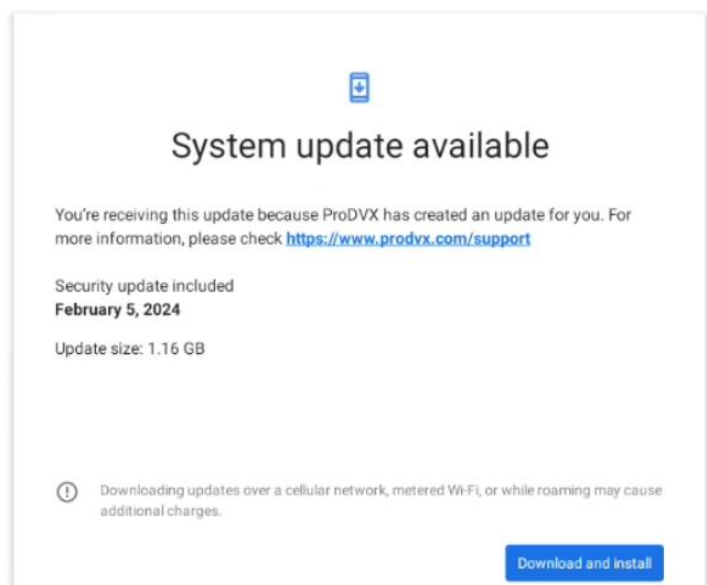
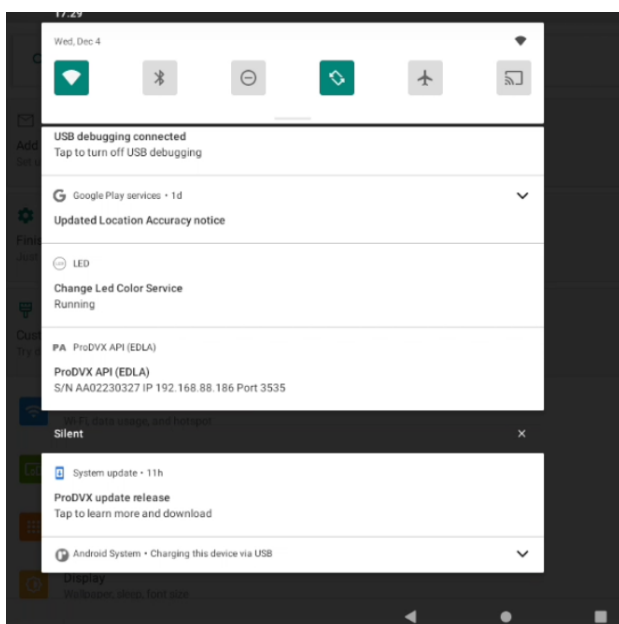
NOTE: Older ProDVX screens that do not have firmware that supports the ProDVX API, require the ProDVX-API-AOSP or the ProDVX-API-EDLA APKs.

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.

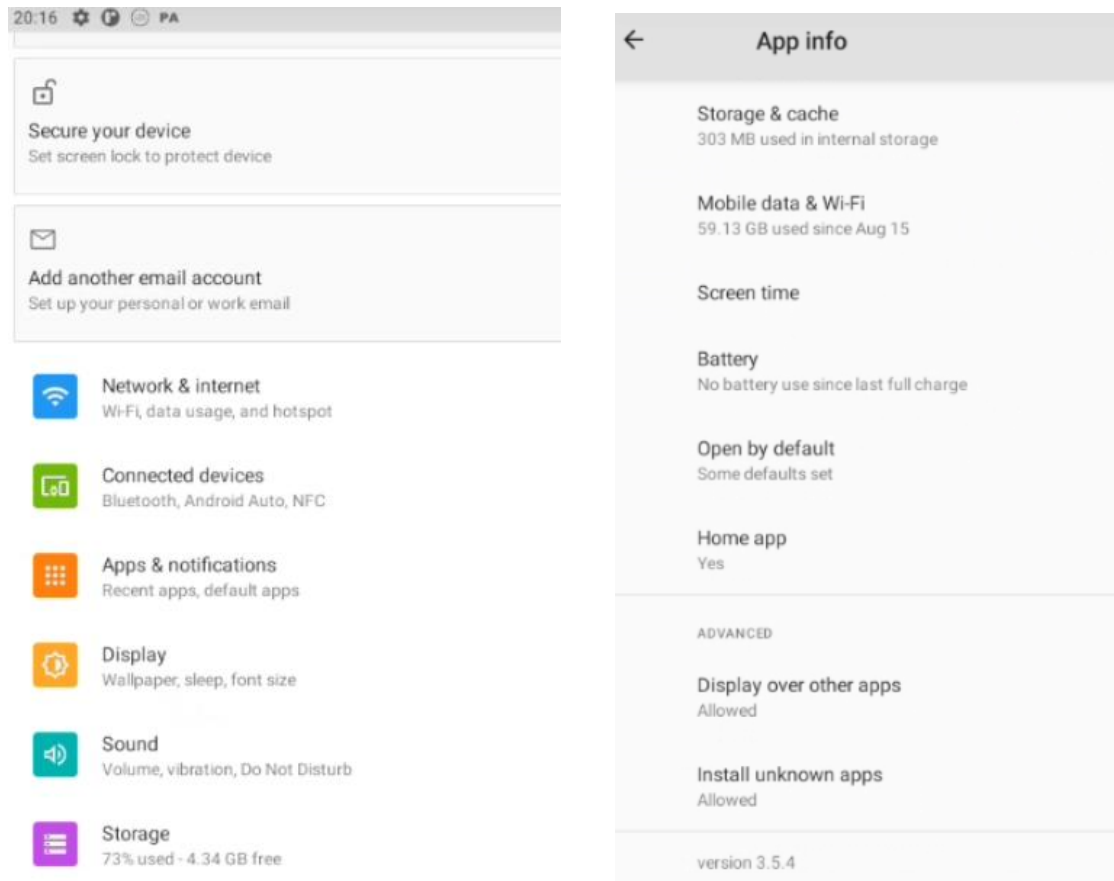
Most of ProDVX devices support Google Play – but by installing via the USB pen drive all other generic Android installation instructions apply.



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 **Admin Apps ->Network->device -> maintenance mode** (read the Admin User manual)

Installation on Aurora Multimedia screens

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

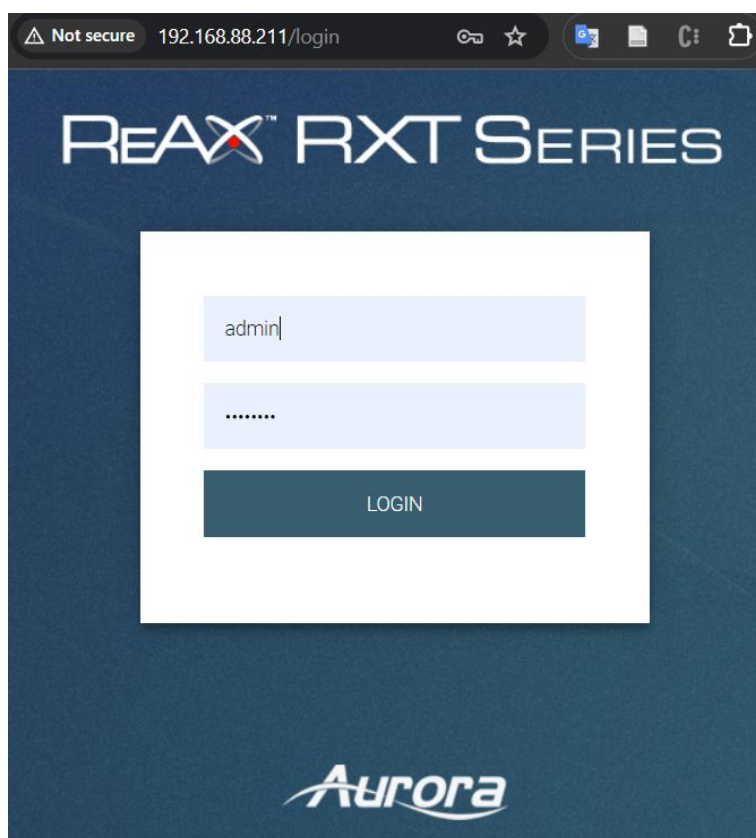
Devices come with the default Kiosk mode on.

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 :

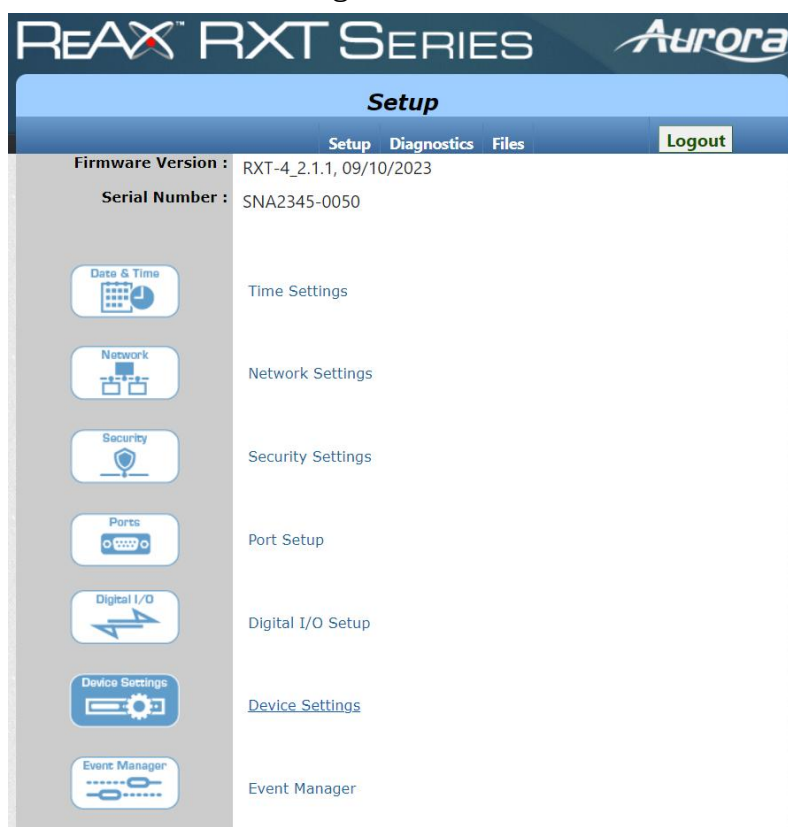
1. Login to **http://:device-ip-address/setup** as admin user (please check the device manual)



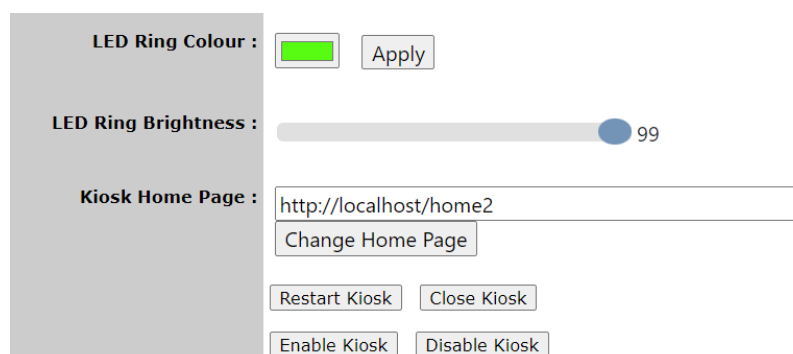
2. Navigate to Setup



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 on 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.

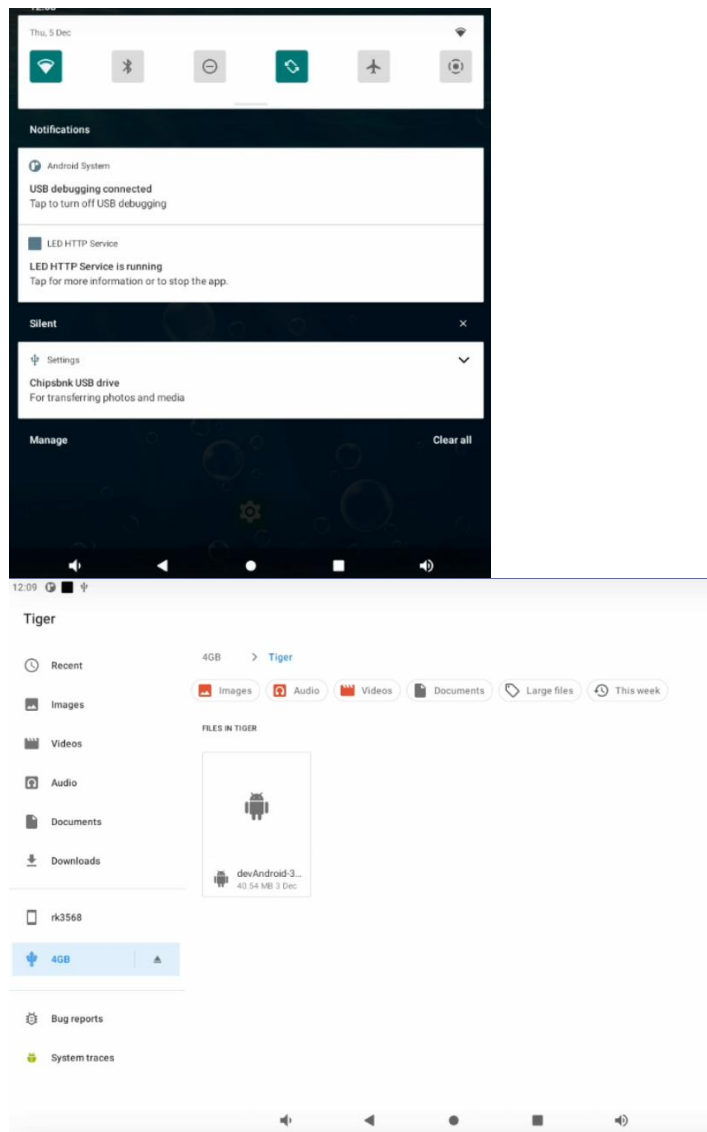
NOTE: the LED bars need a special driver APK in order to function.

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

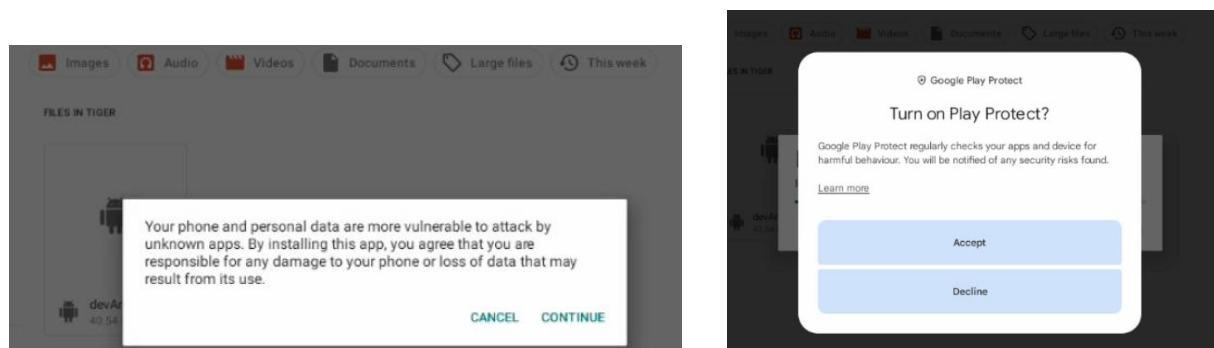
https://drive.google.com/file/d/1_X-mCHTWPdtIE68fNfob-7ETDvkdrKi/

Install steps:

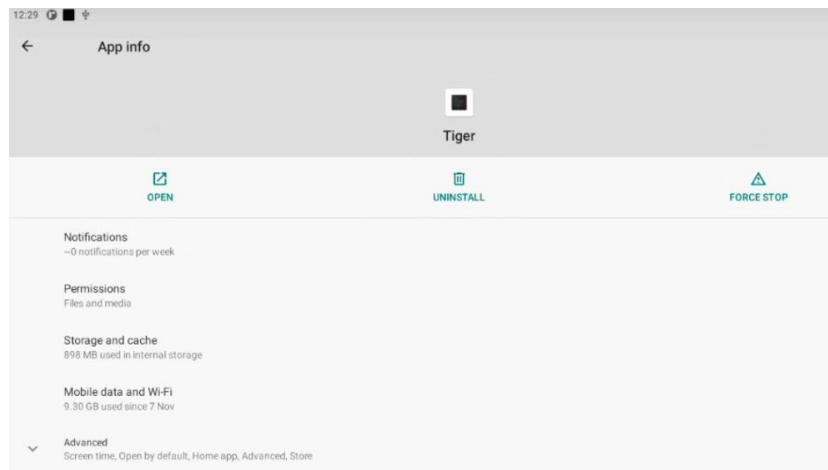
1. Download the Tiger APK from the Admin App (for Android version 5+)
2. Copy to a USB pen drive and insert in the ALLNET screen
3. Start the file manager – or just swipe down from the top of the screen to access the USB device content
4. Navigate to the folder that contains the Tiger APK
5. Install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



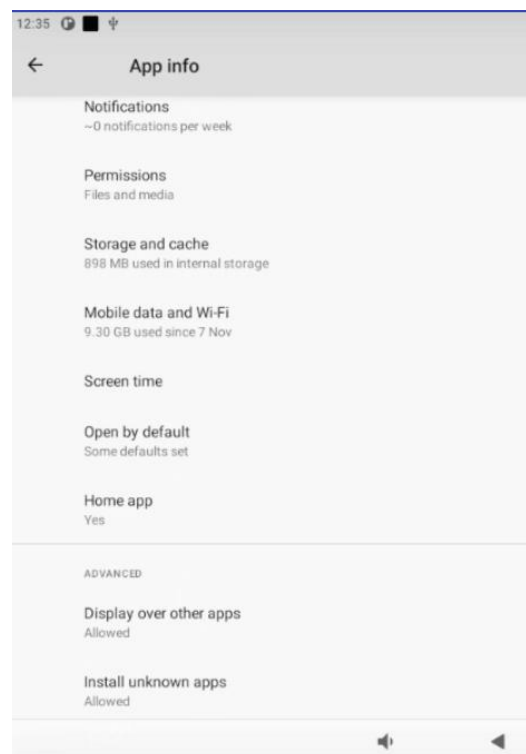
6. Please approve and accept all security-related questions:



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.

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 "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.

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.

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.

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.

← Schedule

Schedule

Schedule list
Schedule list 1

Enable ☐

Start time

End time

Input

Playlist

Days of the week

Every Week ☐

SAVE

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

Booking screen or overview screen

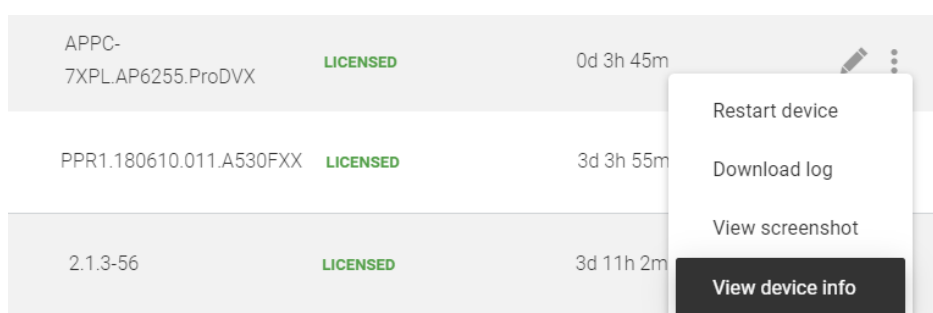
Tigermeeting Android APK is generic – one for all.

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)



Device Info - 192.168.88.219

```
Build: DEBUG - for development and QA only
Last Startup: 2024-03-02T10:09:06.272+01:00
Last App Update: never

NETWORK
IP Address: 192.168.88.219
Broadcast Address: /192.168.88.255

DEVICE
Device Id: 9823c0d2ccf35ee1
Manufacturer: ZDMID
Model: APPC-7XPL
Brand: rockchip
Product Name: rk3368
Screen Size: W: 4.8 H: 2.6 D: 5.5 (overview > 15)
LED Lights: true (ProDVX)
```

RELOAD

CLOSE

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 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 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)

	Philips 	IAdea 	ProDVX 	Qbic 	Aurora 	ALLNET 	Others 
LED lights	OK	OK	OK	OK	OK	OK	n/a
Reboot	OK	OK	OK	OK	OK	n/a	n/a
Screenshot	OK	OK	OK	OK	OK	OK	OK
Device info	OK	OK	OK	OK	OK	OK	OK
Post-command	No~	OK	n/a	OK	OK	n/a	n/a
SW/APK upgrade	OK	OK	OK*-	OK	OK*	OK*	OK*-
FW-upgrade	OK	OK^	OK^	OK	No	n/a	n/a
HW-metrics	OK	OK	OK	OK	OK	OK	OK
Immersive mode	OK	OK	OK	OK	OK	OK=	OK=
Maintenance mode	OK	n/a+	OK	No	OK	n/a	n/a
App-store support	n/a	n/a	OK	n/a	n/a	n/a	OK

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 permission 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 CMND technology instead. Read more at <https://cmnd.io>

= - using Screen pinning (read the device manual)

Compatibility matrix notes:

- The **Others** column represent all other arbitrary Android devices. It means that you can take any Android screen, tablet or mobile phone (that runs Android 4.1 and higher) and expect the listed functionalities to work. See the NOTE below.
- 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, Samsung, Cisco, Asus, Sony). Follow Tigermeeting for the latest updates.
- **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 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



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.



Ask for DEMO licences

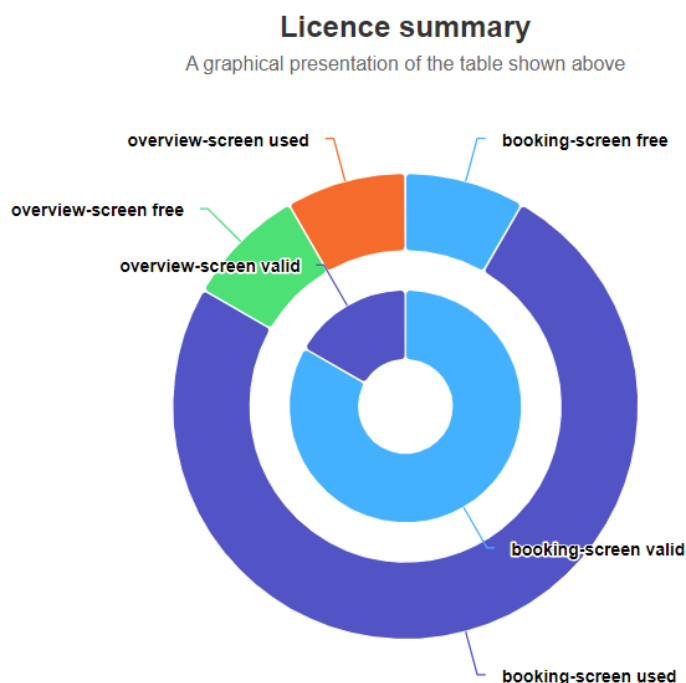
DEMO licenses are fully functional production licenses with a limited time validity. There is no payment involved - neither during the DEMO licenses request or after when the DEMO licenses expire.

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.



TIGERMEETING ADMIN VERSION: 3.3.3

Tigermeeting AB

A Swedish company, that brings high-end meeting management and calendar products to affordable level.
Please, take contact with us for any inquiry.

Address: Edbovägen 47, 142 63 Stockholm, Sweden

info@tigermeeting.app | support@tigermeeting.app

[Release Notes](#) [Terms of Service](#)
[Customer Support](#) [Privacy Policy](#)
[Open Source Licenses](#) [Cookie Policy](#)

Let us shine up your meeting rooms.
Global presence with Scandinavian quality.

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>

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

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

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

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

Who's who in the zoo?

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 for flawless audience engagement.

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/partnership/tiger-solutions>



IAdea: Pioneering digital signage solutions

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

Innovative and reliable products

IAdea's product lineup includes:

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

Commitment to quality and sustainability

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

Global reach and support

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

<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 LinkTech: 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 LinkTech 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 LinkTech excels in creating customized products to meet specific customer requirements, ensuring optimal functionality and design.

Innovative technology

Shenzhen LinkTech'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 LinkTech provides comprehensive support and distribution for its products, ensuring that customers receive exceptional service and solutions.

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

