

Security Camera Set 7" Touch Screen TX-128

Introduction

Before using the appliance for the first time, please read the instructions for use and safety information carefully.



This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capacities, or by persons lacking in experience or knowledge, unless they are supervised or instructed on the use of this device by a person responsible for their safety. Children should be supervised to ensure they do not play with this device.

Keep this user manual for future reference or product sharing carefully. Do the same with the original accessories for this product. In case of warranty, please contact the dealer or the store where you bought this product.

Enjoy your product * Share your experience and opinion on one of the well-known internet portals.

Specifications are subject to change without notice - please be sure to use the latest manual available on the manufacturer's website.

If you drill a hole in the wall, please make sure that power cables, electrical cords and/or pipelines are not damaged. When using the supplied mounting material, we do not take the liability for a professional installation. You are entirely responsible to ensure that the mounting material is suitable for the particular masonry, and that the installation is done properly. When working at higher altitudes, there is danger of falling! Therefore, use suitable safeguards.

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Features

- 7" touch screen monitor (1024x600 pixel)
- 4 channel live view, 1 channel playback (at same time)
- Max. 4 cameras with 7 "monitor connected (one camera included in the set)
- Camera viewing angle 90° horizontal & 55° vertical
- FullHD video resolution 1920 x 1080 with max. 15fps
- Brilliant 1/ 2.9" CMOS colour sensor (2MP)
- Motion detection up to ~8m (PIR 120°)
- 3 IR LED up to ~15m for optimal night vision
- Free "Security Premium" APP for worldwide access [available on Google Play & APP Store]
- Camera water and dust resistant IP66
- Alarm function (push message) on your Smartphone
- Built-in microphone & speaker for 2-way communication
- Supports MicroSD(HC/XC) cards up to 128GB
- H.264/H.265 video compression (for space-saving recordings of high quality)
- Supports 2.4GHz wireless network (WiFi / IEEE 802.11/b/g/n) up to 30m

Product overview

IR LED:

The cameras activate the infrared light automatically as soon as low illumination prevails.

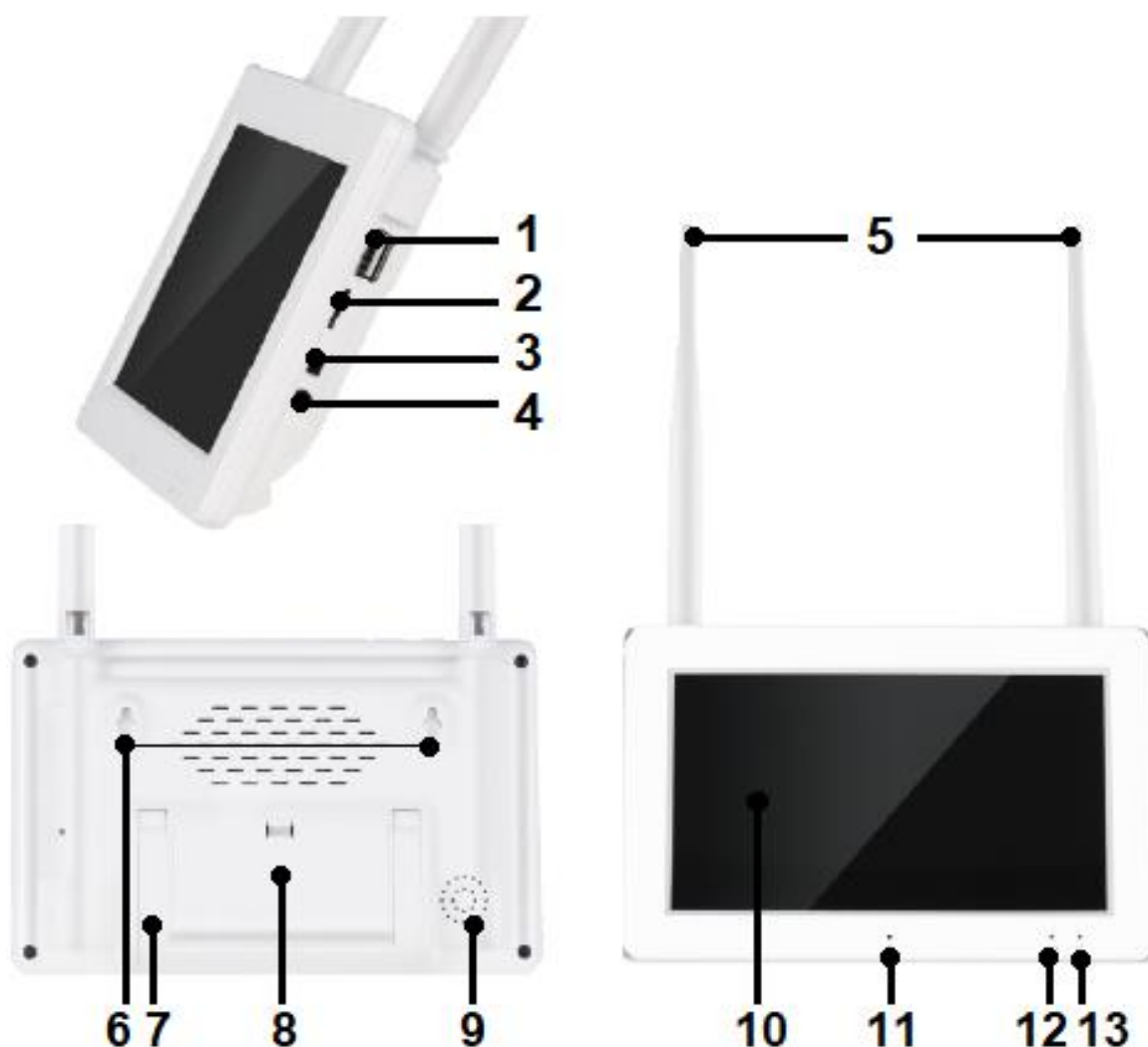
MicroSD card slot:

MicroSD cards are for local storage (max. 128GB). To guarantee the normal use of MicroSD card, before insert the MicroSD card, make sure its file system is FAT32 and there is more than 256MB space available. When you use a size 64-128GB MicroSD card. Format the MicroSD card via the monitor menu. To work properly, the monitor must show the following status under device memory: Formatted.

Battery switch:

Turn the switch to OFF to power off the device when you unplug the power adapter. Turn the switch to ON then the monitor will use the battery when the power adapter is unplugged.

Monitor 7" touch



1	USB port 2.0 (Backup, Upgrade, Mouse, Keyboard)
2	MicroSD card slot (max. 128GB)
3	Battery switch (turn on/off the battery)
4	Power supply (DC5V/2.5A)
5	Antenna (wireless signal transmission)
6	Wall bracket
7	Stand (foldable)
8	Battery compartment (2pcs type 18650 batteries)
9	Speaker (audio output)
10	7" Touch screen (navigate through the device menu)
11	Microphone (voice intercom)
12	Charging indicator (green)
13	Recording indicator (blue)

Outdoor camera (TX-145)



1	Antenna	7	PIR sensor
2	Housing metal (IP66)	8	Vandal-Proof Housing
3	IR LED's	9	Built in Speaker
4	Lens		MicroSD(HC/XC) card slot (under the cover)
5	Light sensor	10	Adjustable Holder / Feet
6	Microphone	11	Mounting holes
Cable connections:			
	DC power input (12V/1A)		Reset button (under the cover)
	LAN connection		

Quick operation guide

Start up the TX-128 Set

- Open the battery compartment and put in the rechargeable batteries (2x type 18650). Close the battery compartment.
- Put a MicroSD card (max. 128GB) into the MicroSD card slot on the right side of the monitor. (Necessary for recordings; format the MicroSD card after first start up)
- Connect the monitor (5V/2.5A) and the camera (12V/1A) with the power adapter to a socket outlet. Both devices start automatically.
- Choose the language by navigating with the top and bottom arrow on the monitor. Click on done.
- The camera included to the set is paired with the monitor from the factory.

Note: Every further camera you need to pair once.

- One touch anywhere on the touch screen to show the menu bar on the bottom.
- Select the house symbol to open the main menu
- Choose System Setup to set the Wireless Internet connection.
- Click on Wireless Internet and enable it.
- After that choose Hotspot List, wait for a few seconds until your WiFi router name is shown. You can navigate through the pages by clicking on the arrows left and right.

Note: TX-128 only supports 2.4GHz WiFi.

- Click on your Wifi router name. Automatically a new interface shows up. Enter your WiFi network key. When you are finished, click on Enter and then on connect. (The WiFi Symbol on the top should change from having a red X over to a yellow exclamation mark to the normal WiFi symbol.
- The monitor is now connected to your WiFi router.
- Next Step. Choose Record Setup from the main menu.
- Choose storage manage and click on format. All saved data on the MicroSD card are erased. Be sure doing it.

Now you should be ready for use.

How to connect the TX-128 Set with Security Premium App

→ To download the App Security Premium from the Appstore or the Playstore search for “Technaxx Security Premium” or scan the QR-code below.

[iOS 15.0 or above; Android 12.0 or above (11-2023)]

		
APP icon	iOS	Android

→ Open the Security Premium App on your device.

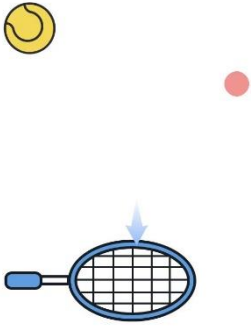
→ Register Account.

(1) On the login interface, click on register, enter the phone number/email, tick the box for data protection and terms of use and confirm.

(2) Follow the security request. Drag the tennis ball on the screen over the red button on to the racket.

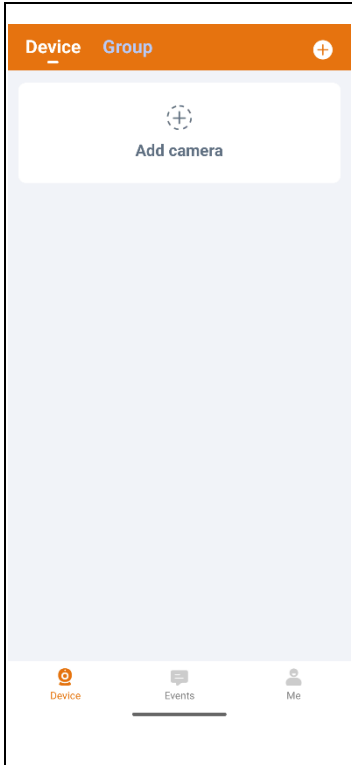
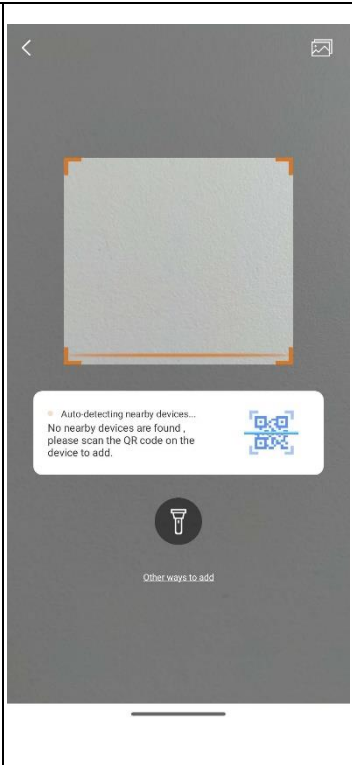
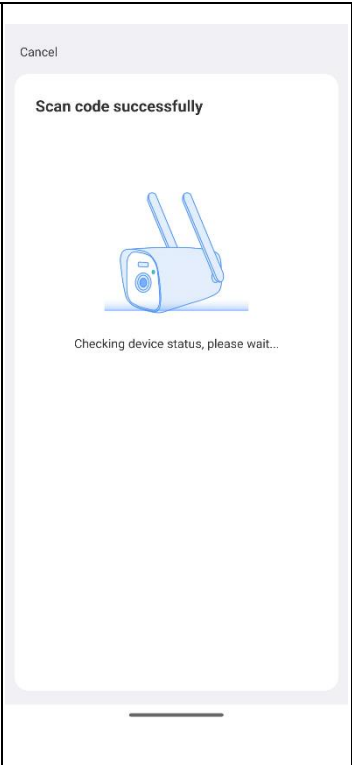
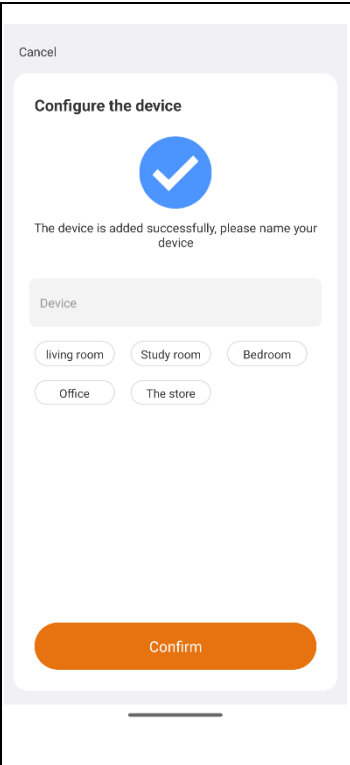
(3) Enter the verification code from phone number or email and enter an account password and repeat it in the second column.

(4) Click on Confirm to create an account and login.

<p>Log in</p> <p>Email/phone number <input type="text"/></p> <p>password <input type="password"/></p> <p>Forget password? Register</p> <p>Confirm</p> <p><input type="checkbox"/> Remember Password</p>	<p>Register</p> <p>Email/phone number <input type="text"/></p> <p>Confirm</p> <p><input type="checkbox"/> Registration agree User Agreement And Privacy Policy</p> <p>Already have account.log in</p>	<p>Safety certification</p> <p>Drag the tennis ball on the screen to touch the racket through the red dot</p> 	<p>Setup password</p> <p>Verification code has been sent to test2@technaxx.de, please check.</p> <p>Verification code <input type="text"/></p> <p>Get verification code again(103S)</p> <p>password <input type="password"/></p> <p>password <input type="password"/></p> <p>The password is 6-20 characters long, using numbers, symbols or letters and distinguish Capitalization</p> <p>Confirm</p>
1	2	3	4

- (5) Click “+” on top right corner to add.
- (6) Scan the QR-code on the monitor display (Find it: Press on Home, Press on QR-Code top bar)
- (7) Device status is checked and wait until the camera is added successfully.
- (8) Change the device name to your needs, e.g. garden.
Press on Confirm.

Important: Change the password after you have added the camera successfully to the Security Premium App. Currently the camera has no password entered!

			
5	6	7	8

The TX-128 Set now should be shown as online in the App.

Adding an additional camera to the TX-128 Set

Compatible with the TX-128 Set: TX-145 (outside); TX-146 (inside)

Step one: Power on the monitor and camera. (Normally when adding an additional camera you are using the monitor already so it should be powered on.)

Step two: Reset the camera to enter the pairing mode.

→ Therefore click the reset button on the cable end. It is hidden under a cover.

→ Press the button until the camera speaks to you.

Step three: Enter the code interface on the monitor and click on the match code.

→ Go to the main menu and choose the setting Match Code.

→ On the next interface you will see the max camera amount and their status.

→ Click the button Match Code to start the pairing.

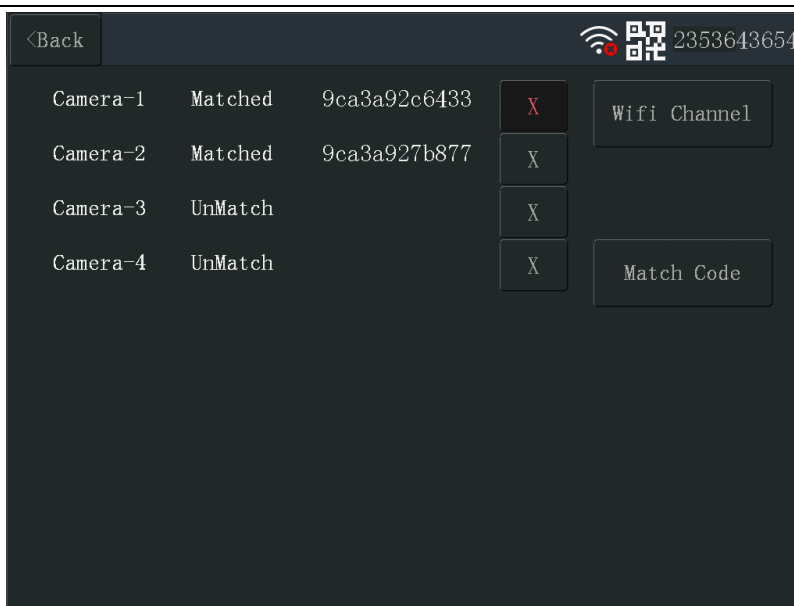
Tips:

1) The camera can only perform the pairing in the reset state, reset the camera.

Notice: If the camera was already connected with the monitor and you deleted from the connection list you can easily connected it again by using "Match Code".

2) If the camera does not pair with the monitor, click "Match Code" again to try again. Or reset the camera again.

3) If you need to replace a new camera, please click "X" to delete the channel and then click on match code.

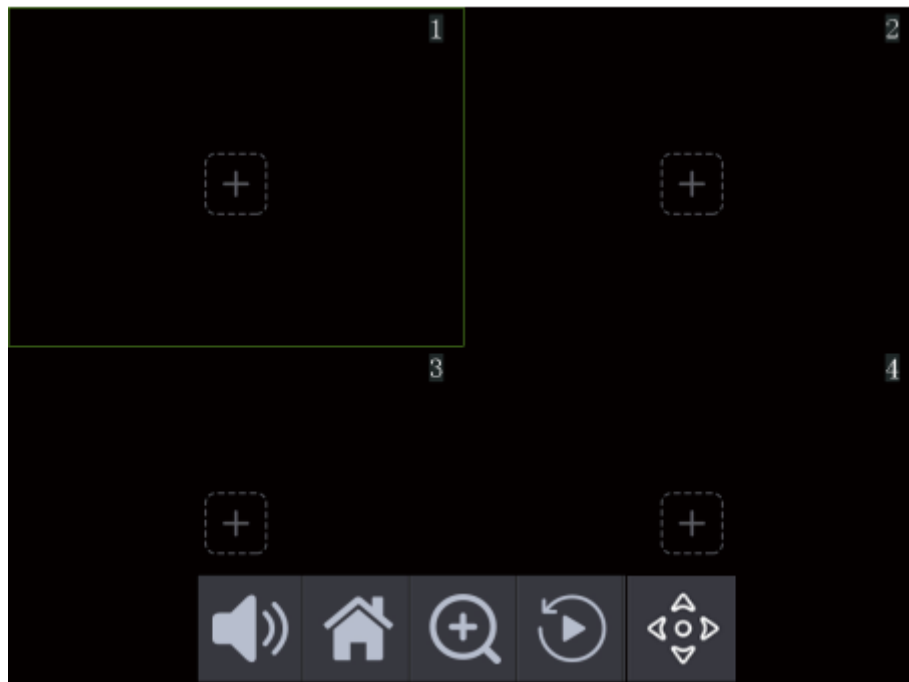


How to operate the monitor






First steps

After the first start you see the live video of the camera on the monitor. There are only two options to operate the touch screen:

- **one click:** Mainly used to navigate through the monitor menu
- **double click:** Used to switch between split screen and full screen








Tap on the screen once to open the menu bar on the bottom of the monitor. You see 5 symbols, which automatically vanish when nothing is chosen.








	Sound on / mute: enable or disable the sound of the chosen channel
	Main menu: click to open the menu interface
	Zoom: click to open the zoom option. To zoom in click on the spot of the live video you want to zoom in. To zoom out click anywhere on the monitor. To close the zoom function click the magnifying glass symbol on the left top corner.
	Playback: click to open the playback interface
	PTZ (only available for additional camera TX-146; working functions: up, down, left, right)

Main Menu

The Main menu shows all the possible settings.




Video Playback	<p>Here you can playback the recordings triggered by motion detection. You will have Upper directory, 01, 02, 03, 04. With upper directory you can go one step back. Under the numbers which equal the camera channel you find first the date and after choosing a date you can choose a time. Than you can choose a video from that period. While playback you see four symbols on the top and four symbols on the bottom. If you do not see them tap once on the touch screen to show them. They automatically vanish when nothing is chosen.</p> <p>To leave the video playback tap on the Back button in the left top corner. To leave the playback function tap on Exit in the right bottom corner.</p>
 	<p>→ Open lock: the symbols vanish after a short time. Tap on the display to see them again.</p> <p>→ Closed lock: the symbols are shown all the time.</p>
	<p>While the video is played you are able to zoom in /zoom out by single tap on the video. Not possible when the video is paused.</p>
	<p>To delete the video press on the dustbin and confirm with Yes. The video is irretrievably deleted.</p>
	<p>Press on the USB-Disk symbol to save the video file to plugged in USB-Disk (max. 32GB, FAT32)</p>

Video Playback	 	<p> < > Press Previous / Next to change the played video</p> <p>> Press to Play / Pause video</p>
	 	
	 	Press the loudspeaker symbol to turn on/off the audio playback of the video.
System Setup	● Language	Choose your language by using up and down arrow. To select the language click on it and confirm.
	● Time Setup	<p>→ Sync time: Enable for automatically time change. If you want to set the time manually disable.</p> <p>→ Server: Choose the server the time should be synchronized with.</p> <p>→ Time zone: Choose the correct time zone you live in.</p> <p>→ Date format: Choose between YYYY/MM/DD, MM/DD/YYYY or DD/MM/YYYY</p>
	● Wireless internet 	<p>→ WLAN: Enable to connect to your WiFi Router and have the possibility to check the live video outside your home via Security Premium App.</p> <p>→ Shows the connected WiFi Router</p> <p>→ Network Setup: Enable DHCP, the WiFi Router assigns the monitor an IP address. Disable the DHCP to manually set IP address, Subnet Mask, Gateway and Preferred DNS</p> <p>→ Hotspot list: Shows the WiFi Router nearby, you can connect to. Use the option to change the WiFi of the monitor if necessary, e.g. when you get a new WiFi router.</p>
	● Wireless channel	<p>ESSID: Shows the SSID of the Monitor the cameras are connect to.</p> <p>Region: Set the WiFi region for your WiFi transmission.</p> <p>WiFi channel: Choose the best channel for best connection with the cameras. After changing the channel the cameras will automatically switch it, but will be shortly offline before reconnecting.</p> <p>Tip: Changing the channel can improve the</p>

System Setup		transmission and prevents interferences with other WiFi transmission channels, like your WiFi router.
	● Camera Audio Enable	Enable/Disable the camera audio for each channel separately
	● Volume Setup	Set the volume 0-4 for the monitor speaker
	● Auto close	Display of the monitor turns off (standby) after the set time (30s, 1min, 5min, 10min). If this option is disabled the display stays on the whole time.
	● Auto Switch	Enable/disable the function to switch automatically between the cameras. Set the seconds the camera should switch (10s, 20s, 30s).
Record Setup	● Record schedule	You can set 4 schedules. Each schedule you can enable/disable. You can set the camera channels that are influenced. You can set the weekdays and the time the cameras should record by motion or timer (continuous recording).
	● Storage device	Shows that the storage is SDcard. This is cannot be changed. It is the only medium recordings can be saved. Note: USB Sticks up to max. 32GB can only be used for backup of videos.
	● Storage manage	Shows the total size, used size and the free size of the inserted MicroSD card. The status shows the inserted MicroSD card is formatted or not. By clicking on Format button the MicroSD card will be formatted and all data on it will be deleted.
	● Overwrite	Enable/ disable the overwrite function. When enabled and the MicroSD card storage is full the oldest file is deleted and replaced by the newest recording.
Match Code	Here you remove/add cameras that are or are not connected to the monitor. By clicking on WiFi channel you can change the WiFi channel.	

	<p>By clicking on Match code, the monitor searches for cameras that can connect. Either the camera was already matched with the monitor or the camera was reset and should connect to the monitor. Match code is for both options.</p> <p>It is not possible to connect the cameras via LAN connection to the same network the monitor is connected to and add the cameras. (LAN is only for standalone camera use)</p>	
Alarm Setup	● Alarm volume setup	Set the volume of the alarm sound that occurs on the monitor when a motion is detected.
	● Mobile split screen	<p>Enable/disable. When enabled the monitor turns back into split screen after the motion detection recording has finished.</p> <p>When disabled the monitor shows the split screen the whole time, even if motion is detected.</p>
	● 1-4 Channel	<p>For each channel you can set:</p> <p>→ Motion: Enable/disable to get recordings while motion detection trigger.</p> <p>→ App Alarm: Enable/disable to get Push notifications on the Security Premium App.</p> <p>→ Sound alarm: Enable/disable the alarm sound of the speaker from the monitor.</p> <p>→ Sensitivity: Set the sensitivity (Lowest, Low, Medium, High, Highest) the motion detection is triggered.</p> <p>→ IR cut mode: Chose between different modes (Infrared mode, smart mode, full color mode, day light, night). Each mode can help to improve the individual circumstances the camera is put up to.</p> <p>→ Area Edit: Choose the area motion needs to be recognized. Every square needs to be clicked one by one. Red means enabled for motion detection.</p>
System Manage	● System	Shows the main information like device model, Cloud ID (device ID), network state, s/w version and built time.

System Manage	Info 	Clicking on More parameter shows Channel (CH1-4), WiFi camera ID, Firmware version and the signal strength of each camera.
	● Factory setting	<p>→ Simple Restore: Every setting will be reset except the camera and the network settings.</p> <p>→ Restore All: All configurations are restored. Monitor is set back to factory settings. Camera need to add again by Match Code.</p>
	● Change password	Change the password. Enter the current used password (old password). Than enter two times the new password you want to use from now on to login on the Security Premium App.
	● Upgrade (monitor)	<p>→ Local Upgrade: If there is a new firmware available on our homepage www.technaxx.de/support under Security Premium. Copy it to an empty USB stick max. 32GB and insert it to the USB port of the monitor.</p> <p>After that choose local Upgrade to update the firmware.</p> <p>→ Logo: Not supported</p> <p>→ Channel Logo: not supported</p>
	● IPC Upgrade (camera)	<p>→ Info: Shows you the current installed firmware on the camera.</p> <p>→ Channel: Choose the camera channels you want to upgrade.</p> <p>→ Source: Here is only local upgrade available. If there is a new firmware available on our homepage www.technaxx.de/support under Security Premium. Copy it to an empty USB stick max. 32GB and insert it to the USB port of the monitor.</p> <p>Allow downgrade: Enable/disable to allow a downgrade to an older firmware version.</p> <p>If you have done the above steps press Start.</p>

App pictures are based on Security Premium for iOS and Android in version 3.7.2 / 3.7.0.

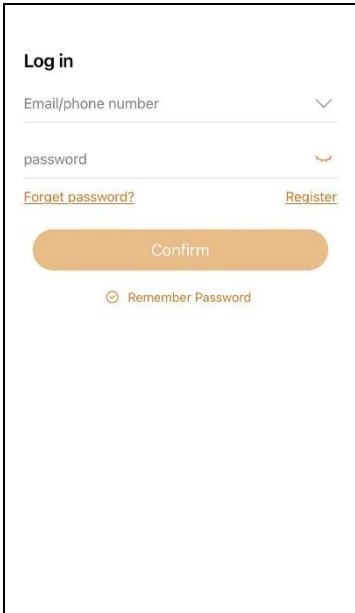
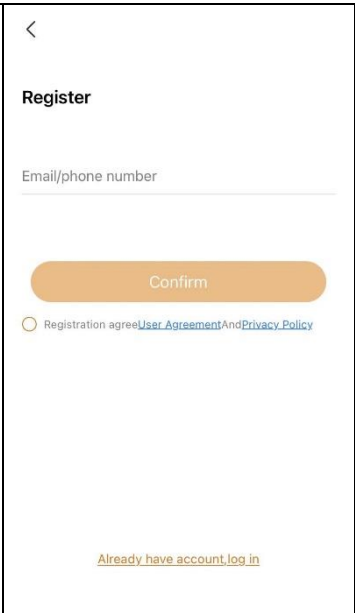
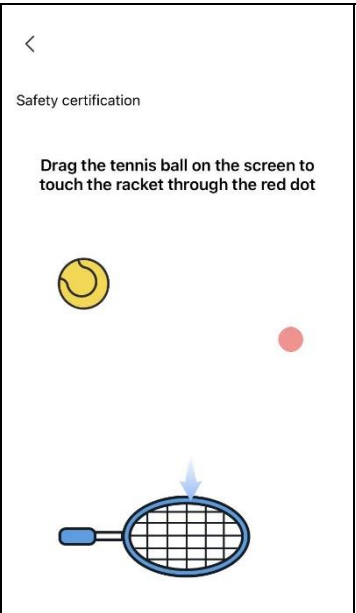
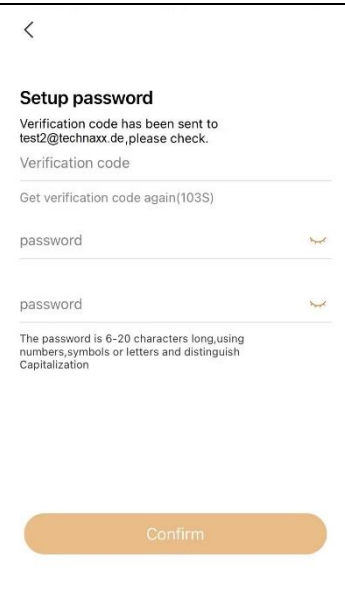
Security Premium App

Registration

Please take several seconds to register.

(1) Click “Register”, (2) enter the email address to bind the email address. (3) Drag the tennis ball on the screen over the red button on to the racket. The system will send an email to your email address. Login to your email account, (4). Enter the verification code from phone number or email and enter an account password and repeat it in the second column. To complete registration press on confirm (follow these steps, otherwise users cannot use forget password function).

Info: When you are registered you have following advantage: Data added or grouped by user (e.g. the device), is managed by server, which won't be lost even to delete all data on the Smartphone. As long as users re-install the App and log in the old account, all data will be restored for some auxiliary functions such as device status notification and alarm notification.

			
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Register	Enter Email	Safety certification	Enter verification code and password

Forget Password

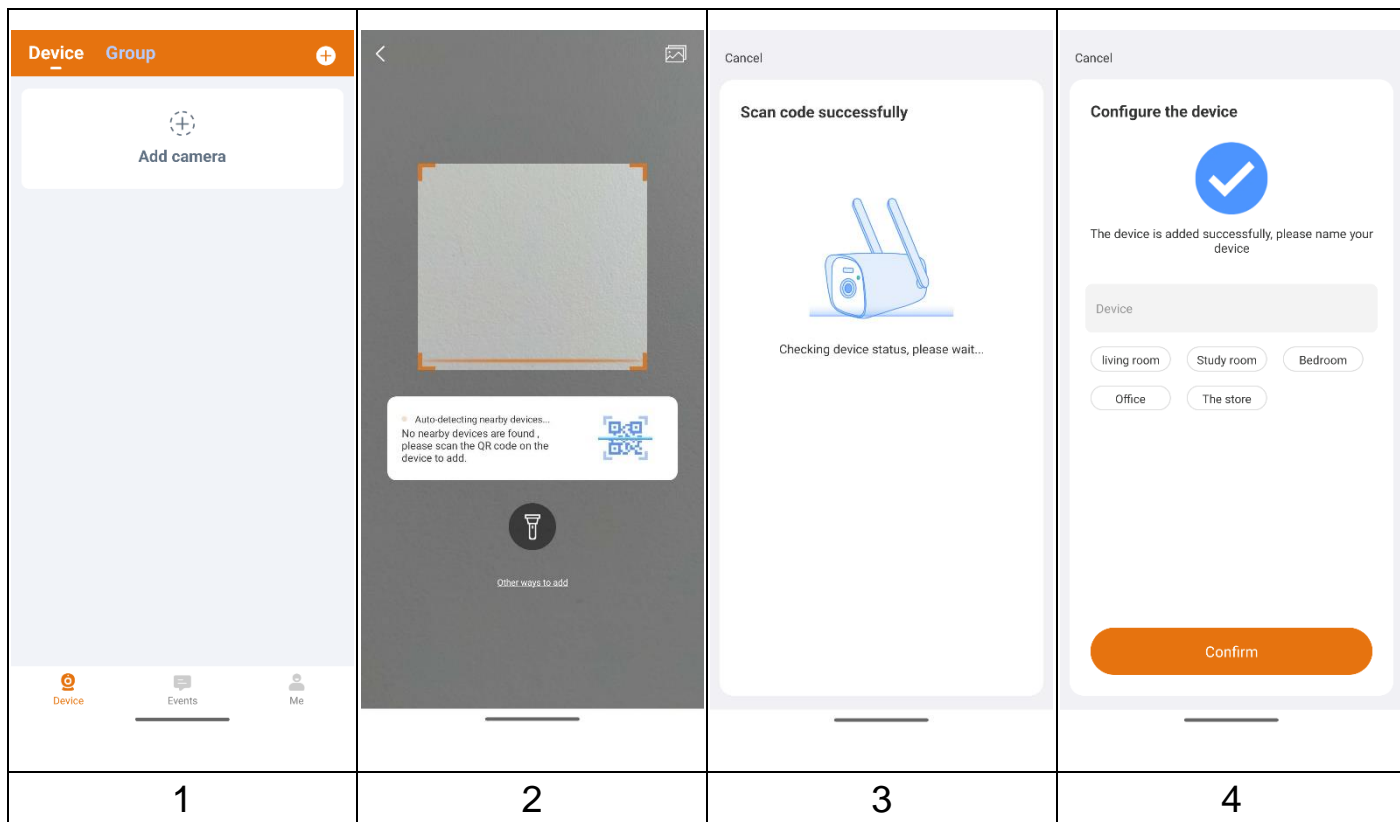
If you forget the password and need to get it back, click „Forget password”. Enter the Email address into the user interface and press Confirm. The system sends a confirmation Email, which the user can check via his Email account.

How to add a device

Add Device

Login to the App if not already done and go to “Device” interface.

iOS and Android:



(1) Click “+” on top right corner to add.

(2) Scan the QR-code on the camera.

(3) Device status is checked and wait until the camera is added successfully.

(4) Change the device name to your needs, e.g. garden.

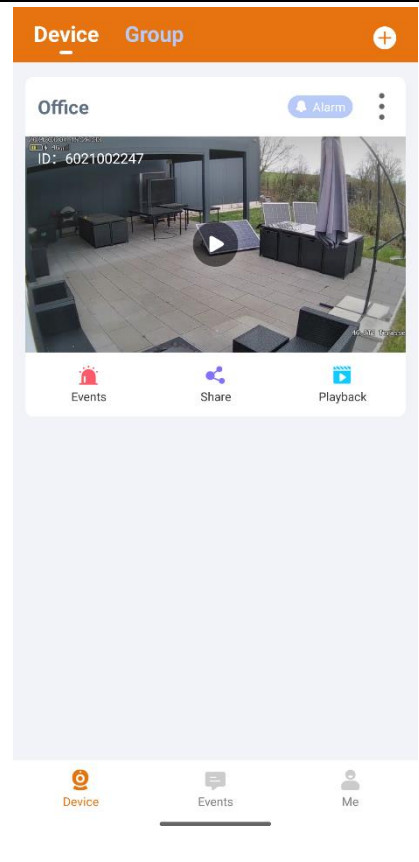
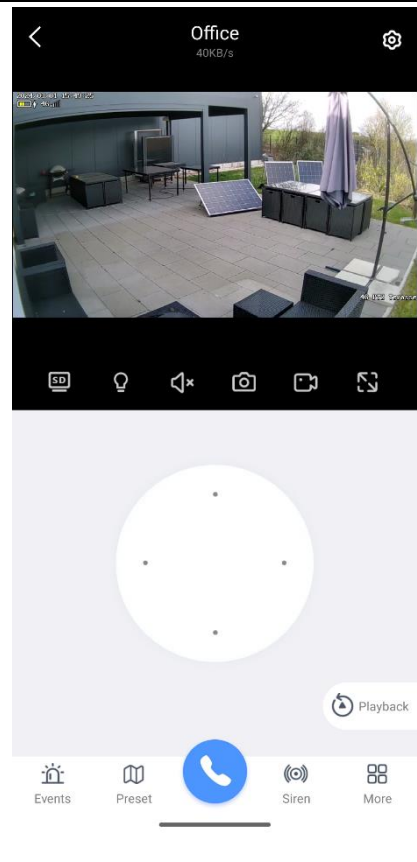
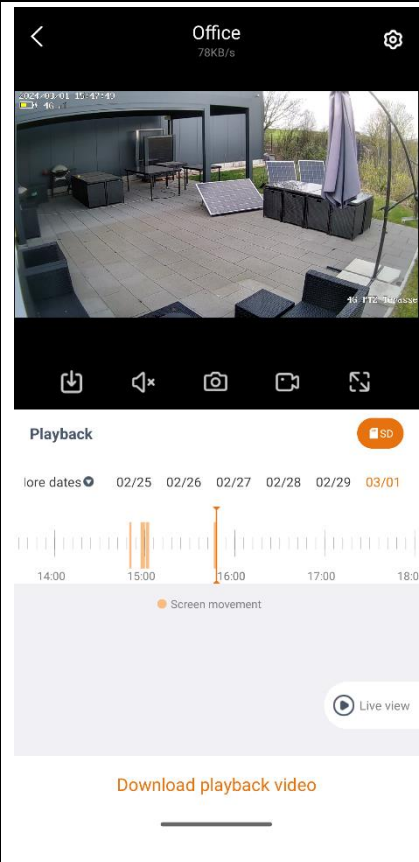
Press on Confirm.

Important: Change the password after you have added the camera successfully to the Security Premium App. Currently the camera has no password entered!

How to navigate in the App

Device

In the Device Interface you can see all your added devices. After clicking on the three dots next to the status (online, connecting, offline) you can set the device to the top, show manually taken Screenshot/Recordings, Edit or Delete the camera. Under the camera image you can find Share, Info (Push), and Playback.

		
Device Interface	Live view Interface	Playback Interface














Live view


By clicking on the play button on the Device interface you enter into real-time viewing. If the Smartphone can't connect to the device, it will show offline. If password is wrong, it will show wrong password, enter again. Click on the three dots right next to it and click on Edit. Here you can try to enter the password again.

Gesture operation

- Single finger double clicks into one of the four screens to enlarge or narrow the image.
- Single finger slides left/right to change the camera channel.
- Two fingers touch the screen and move outward to enlarge the image.
- Two fingers touch the screen and move inward to narrow the image.



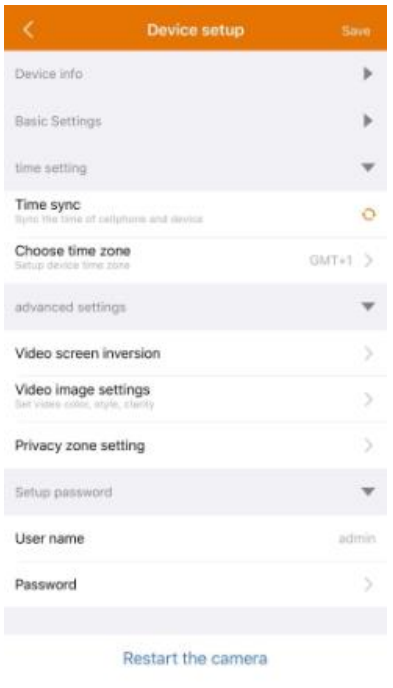
Button function list for Live view and Playback

	Device Setup	Click top right corner to backup videos or setup camera
	Connection	Shows the transmission speed of the data
	Auto cruise	Click on it. The camera turns around horizontal in 35° steps°. One turn are 10 steps (not available for this model)
	Full screen	Enlarge the image
	Remote playback	Playback videos stored on the MicroSD card or Go back to the live view.
	Proportion	Users choose the modes according to their needs.
	Resolution	Users choose the modes according to their needs.
	Intercom	Click on it to open the two way communication. Press and hold on the microphone to talk
	Screenshot	Take a screenshot of the live view. It will be stored on your Smartphone. Go to My center and click on Screenshot/Recording to view the taken pictures.
	Audio	Turn on/off the audio of the live view or the playback
	Recording	Click to record the currently seen as video. Click again to stop recording and save the video file to your Smartphone. Go to My center and click on Screenshot/Recording to view the taken recordings.
	Real time	Click to return to the live view
	Calendar	Choose the date you want to see the playback

	Zoom	Click it to zoom in and out on the timeline
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Device Setup

Clicking on Setup or Setting under the live view. It opens the Device setup below.

		
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This interface can differ a little bit depending on the use of iOS or Android. All options are explained below.

Device ID (Cloud ID)	The ID number of the device. This item cannot be filled in. Device ID will be automatically configured according to device type.
Help	Find help how to use the App and also a small FAQ.
Device Storage	<p>Below options are listed under Device Storage.</p> <ul style="list-style-type: none"> - MicroSD card status: Show the status of MicroSD card (normal or abnormal). If the status is abnormal Format the MicroSD card. This takes about 3-5minutes. - Available capacity: Shows available storage capacity of MicroSD card. - Format: Click it to format the MicroSD card. The procedure is about 3-5 minutes and is not blocked by other operation. Note: 64 -128GB must be formatted via the App or via the monitor! It could be necessary to format until the App shows MicroSD status: Formatted.

Firmware update	Click and check if there is new software version. If there is, click and update directly to achieve OTA upgrade of the device. If the version is already the newest, there will be a prompt.	
Set signal path	Set the WiFi channel. Choose between 1-13. Inform you which channel are used mainly in your neighborhood to avoid interferences and a bad signal.	
Time sync	Time syncing between Smartphone and camera.	
Choose time zone	Time zone is set automatically. If not, adjust it here.	
Daylight saving time	Enable/disable summertime. Choose country. (maybe not available)	
User name	Admin is a fixed username, cannot be changed.	
Password	Click on password to change the old password to a new one.	
Choose channel	Channel 1-4	Device name: The channel can be named.
		Equipment model: Camera model, cannot be changed.
		Software version: Installed firmware of the camera
		Device signal detection: Check the signal strength of the transmission between camera and monitor.
		Mode: Change between Auto, white light and night time. (Not available for this model!)
		Alarm settings: (Not available for this model!) Set the alarm schedule via the monitor.
		Privacy zone setting: Set the privacy zone to blacken the live view and the recordings partly. E.g. if you can view into your neighbours garden or you have to blacken public area.

Playback

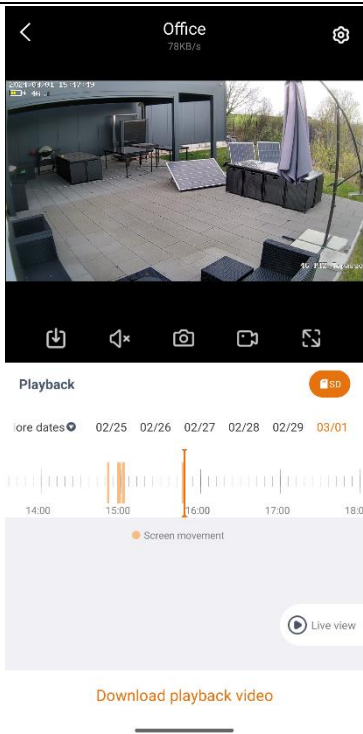
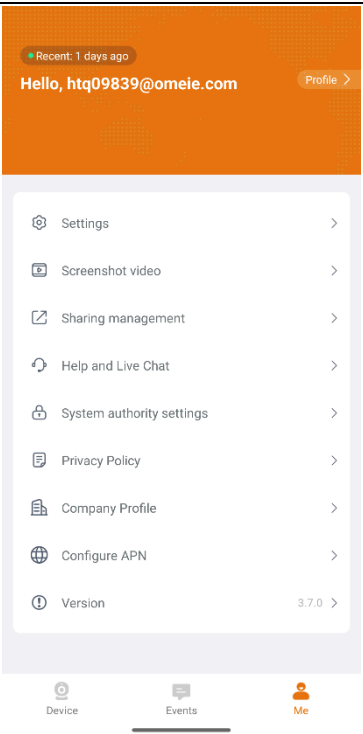
Click the button of remote playback in the live view.

Precondition of camera remote playback:

→ Make sure the camera time is already time synchronized with the App → Insert the suitable MicroSD card into the camera. → enable motion detection recording.











Remote playback function of the device then only can be used.

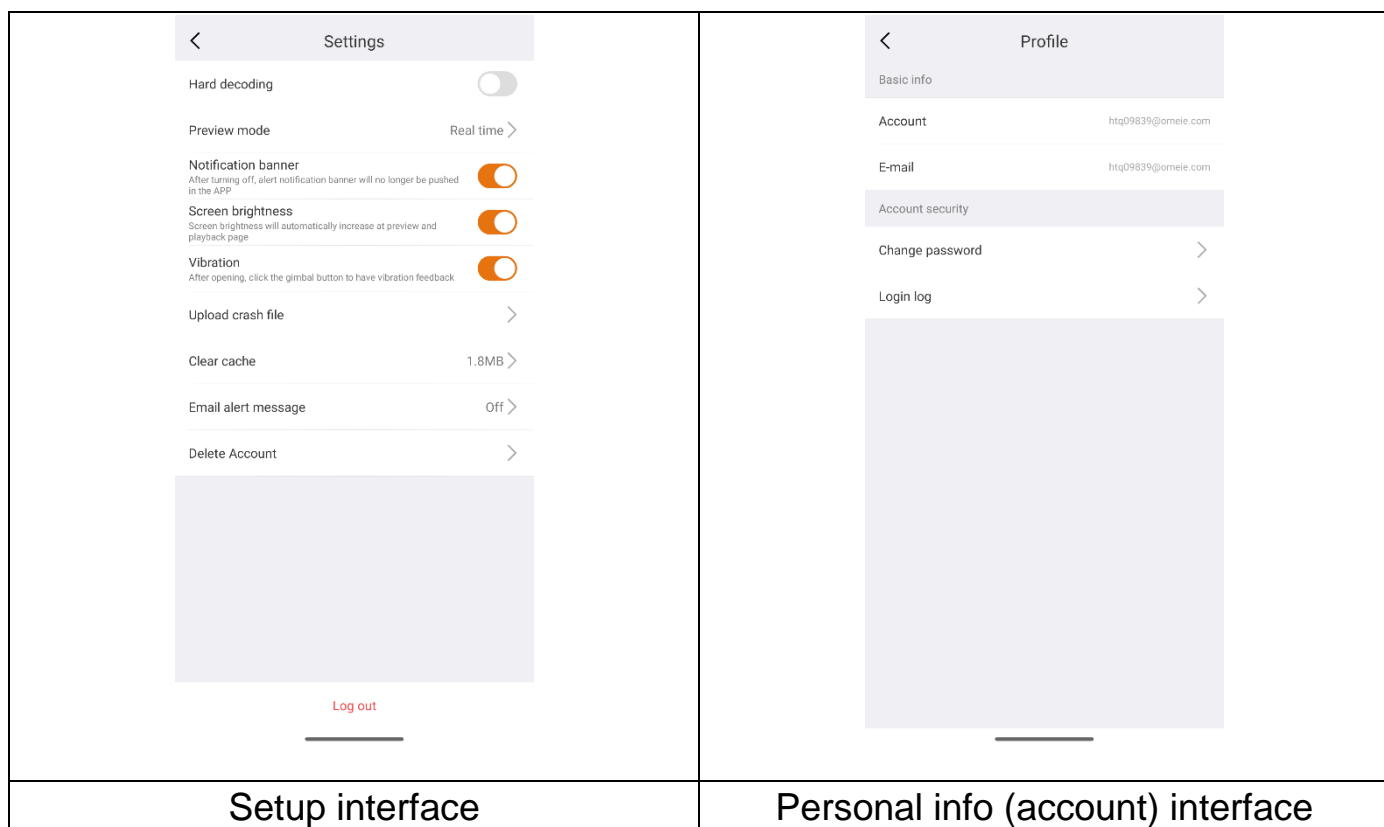
→→ Choose the time by swiping the timeline left and right. →→ The red cursor marks the start time of playback. →→ Two fingers touch the timeline & move outward to narrow the time scale. →→ Two fingers touch the timeline and move inward to enlarge the time scale. →→ Press play in the middle of the shown image to start the playback
In the timeline you can find the color RED. RED marks the recordings of motion detection.

	
Playback Interface	Me

Me (personal area)

On this interface users can setup their account and App settings. See the picture above.

	Add email address to bind and be able to login with. Change the password of your account. Check your login log. Like shown in the picture below.
 Settings (order differs on iOS and Android)	→ Enable/disable hard decoding (Android only) → Select the preview mode between real time or fluency. → Enable/disable Push notification banner → Click to upload a crash file after the app has crashed → Click to clear cache → Enable/disable the auto. screen brightness → Delete account permanently → Log out from the current account
 Screenshot / Video	Check screenshot / recording files See downloaded files here as well
 Share management	Devices that you share with other users are listed here.
 Help and Live Chat	Click here if you need some help with the installing of your camera.
 System authority settings	Check the permissions you gave the App and be able to change them.
 Company profile / About	See information about Technaxx like e.g. address
 Privacy policy	Check the privacy policy here.
 Configure APN	Change or configure the APN saved in the camera.
 Version	Check APP version and shows current APP version



The following chapter is based on Security Premium for Windows in version 2.0.7.11

PC Software Windows (& MAC)

Attention: It is not possible to configure the camera with the PC Software!

Info: The MAC version differs from the Windows version.

Installation

→ Start the Security Premium.exe which you find under www.technaxx.de/support --> TX-128

→ Double click on the Security Premium.exe to start the installation.

→ Choose the language and click on OK.

→ Agree to license agreement and click on I Agree.

→ Choose the path the software is installed to or keep the suggestion and click on install.

→ Wait until the installation is completed and click on Finish. The Software will start automatically.

Important: Maybe windows firewall pop up will show up. Select private or public network depending on your home network. If you are not sure choose both. Click on Allow access before going on with the Setup guide.

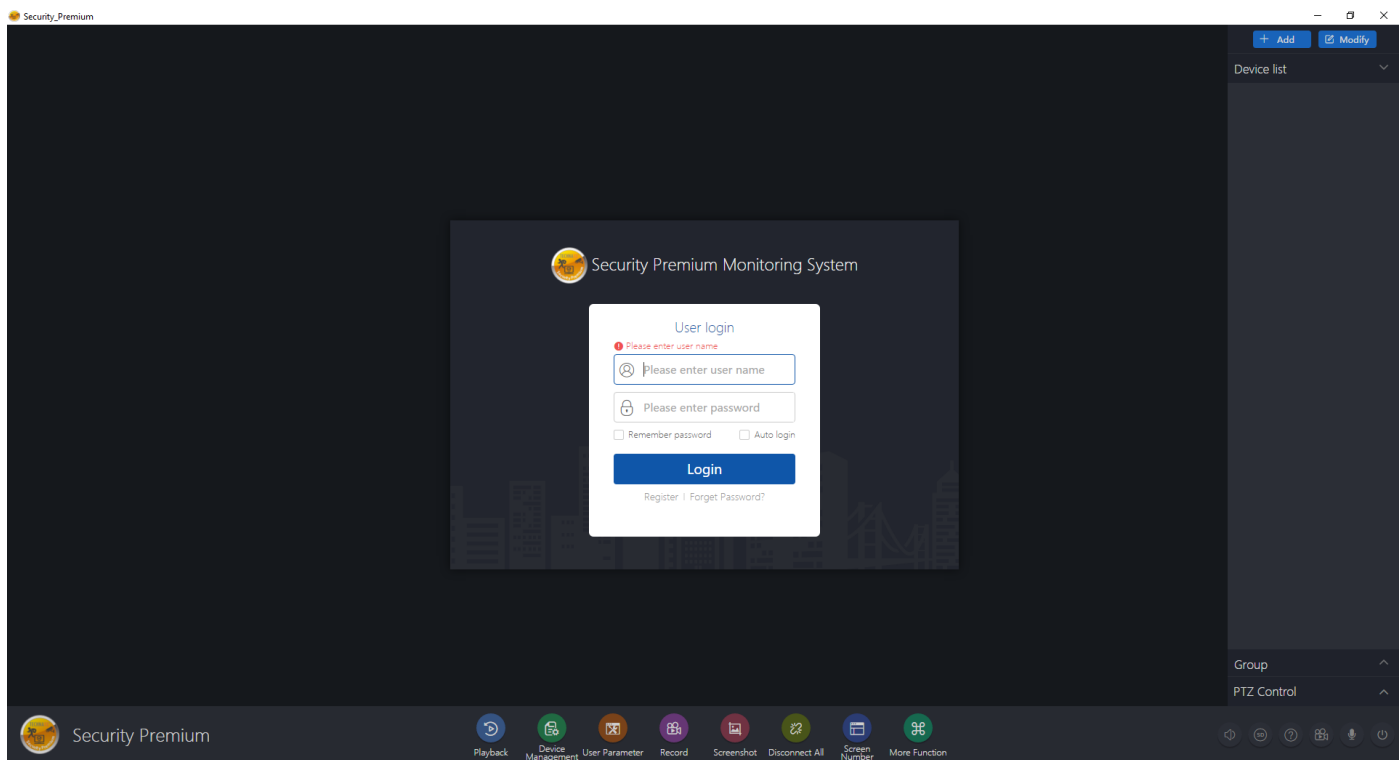
Login and add device

→ The PC Software starts automatically. A login window will show up. Just click on Login to use Local login.

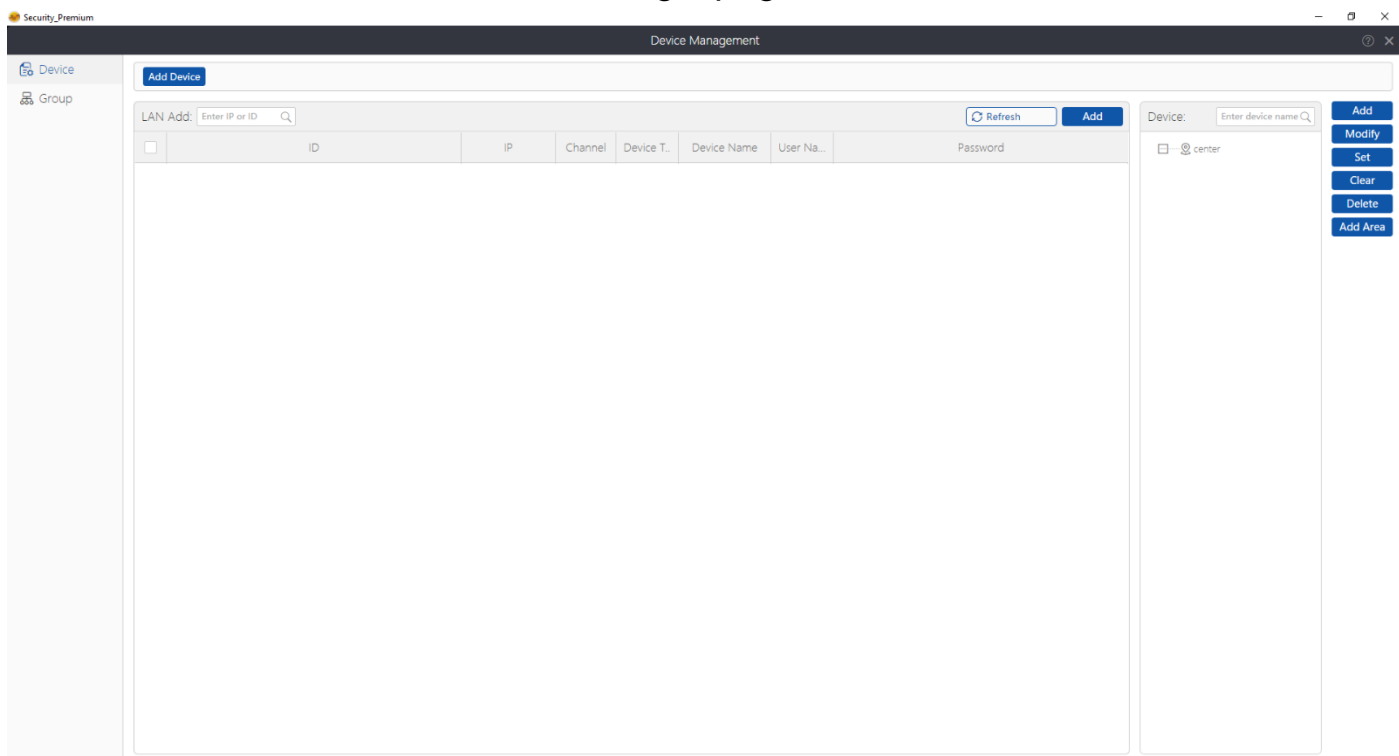
→→ If you want to login with your registered App account (Cloud login) enter the email address (phone number) and the password, that you created over the App.

Note: The advantage of cloud login is that all your added devices in your account are shown directly on the PC Software.

→→ If you choose the Local login, go to device management press on Add device and change to Cloud ID. Enter Cloud ID (Device ID on the device), User name (admin), password (specified camera password via App) and Device name (freely selectable). If you already added the device you will see it in the list on the right. Mark the added device by clicking on it and choose Edit.



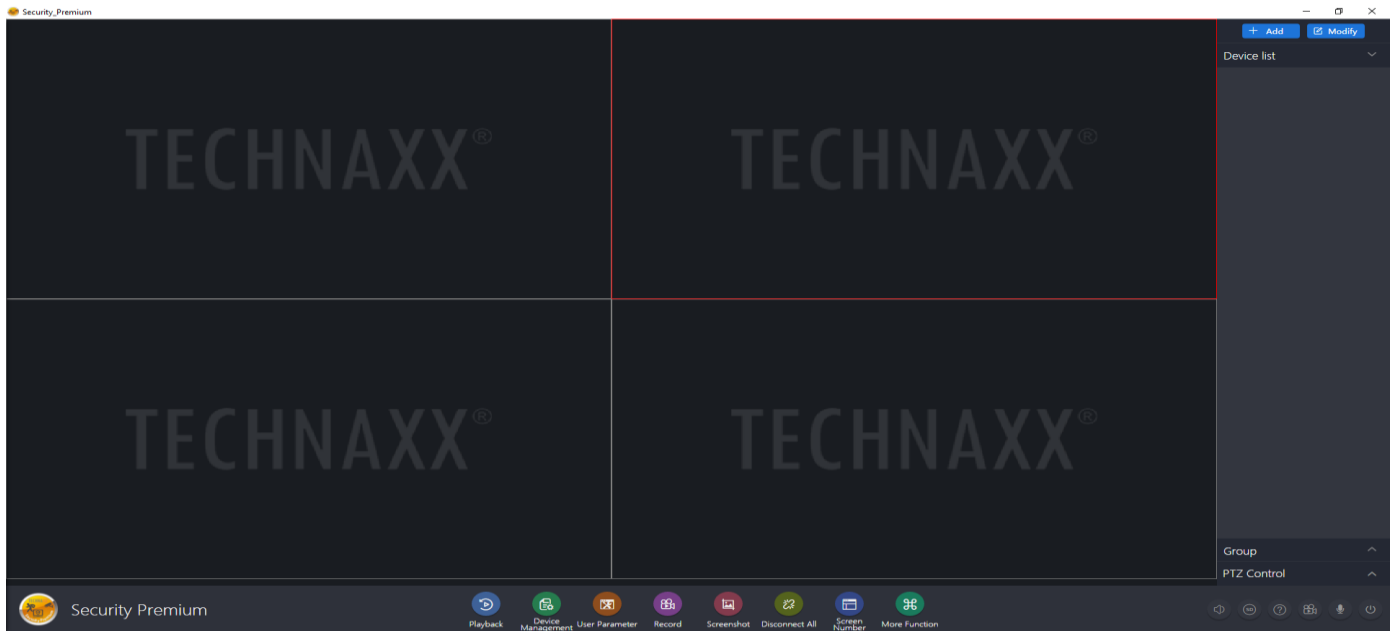
Login page



Device management page

Open live view

To open the live view choose the Live view menu. Select the camera you want to view from the list on the right and click play button on the device. The live view opens in the black window with the red frame.



Playback recordings

Click on playback and to open it. The software will ask to close all currently opened live views (when there are open ones). Accept to close so you can change to the playback interface. Click on the + in front of the camera on the right and select the channel. Now press on retrieval. After searching is successful it will show colored bars in the timeline. Those are the recorded files saved on the MicroSD card inserted to the camera.



FAQs

Q1: When adding device by LAN or serial number, it warns “device is not online” or “device is not registered”

A1: Make sure the internet connection which the device is using could access to internet normally. Check if the router has opened the DHCP function. If you have changed the network parameters of the device manually, we suggest to enable DHCP or restore the device to factory settings.

Q2: The device is online and also there is motion happening in surveillance area, but why not receiving alarm information on mobile phone?

A2.1: Make sure that the device IP from APP is running on the mobile, and motion detection function has been enabled.

A2.2: If you use Apple device, open the “message notification” function on the iOS operation system, and then you go to Security Premium APP.

Q3: Why it reports “memory card fault” when insert the MicroSD card?

A3: The MicroSD card appears some damage, the device couldn't read and write as usual, which needs to reformat by computer before using. Format 64-128GB on PC to exFAT if possible.

Q4: Why the playback is intermittent?

A4: Due the limited use life of the MicroSD cards, the video will largely reduce the MicroSD card life, when the device detects the moving images, the intermittent condition could save storage space and prolong the MicroSD card life.

Q5: How long does the fully charged battery of the monitor work?

A5: Generally it can reach 1-2 hours.

Q6: Does the set support voice intercom, how to talk?

A6: Support voice intercom, select the intercom IPC channel, zoom in, click the intercom icon, long press the icon to speak, the intercom function can be realized; when released, the speech ends.

Q7: How to turn the alarm sound prompt on or off?

A7: Enter the main menu, select the alarm setup. Enable/disable for each channel the button sound alarm. (main menu, alarm setup, 1-4 channel, sound alarm on/off)

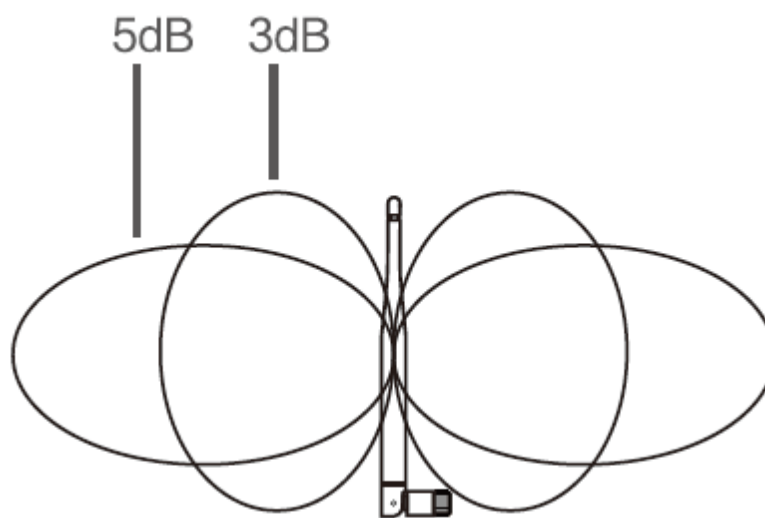
Important additional Information

Expand wireless coverage

Wireless connection is simple and convenient, but wireless is not a panacea! Because of the nature of wireless, decided in some complicated scenarios, there is a signal attenuation after passing through the obstacle. Following some methods can circumvent obstacles and increase the signal transmission distance.

Position the Antenna Correctly

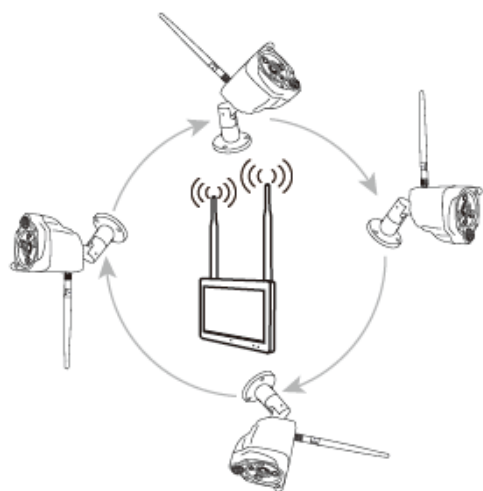
As can be seen from the gain graph of the rod antenna below, the signal coverage of the antenna is similar to an apple. The antenna is located in the center of the apple and surrounds the antenna. The signal is strong and the upper and lower ends of the antenna are recessed, and the signal is weak.



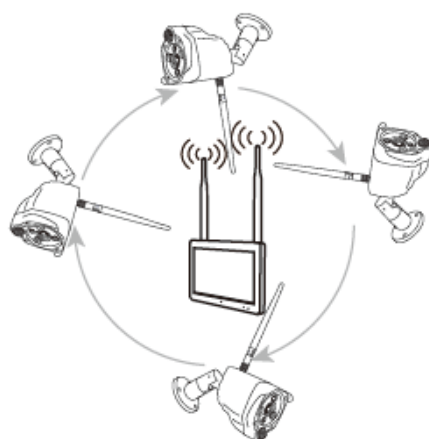
Rod antenna gain vs. coverage

According to the transmission characteristics of the antenna to the signal, in order to ensure the optimal image transmission effect of the wireless set, claim:

1. Monitor (NVR) and camera (IPC) antennas should be placed in high places, not on the walls, metal, Obstructions such as glass affect the signal to diverge outward.
2. The antenna of IPC should be placed in parallel with the NVR antenna to maximize the respective radiation direction angles. In contrast, the maximum coverage of the signal is formed, as shown in the following figure.



correct method



fault method

Technical Specifications

Monitor

Display size: 7" (17.8cm); Touch screen, 1024x600 pixel	
Max. 4 channel	
Network Interface: 2.4GHz WiFi	Radiated output power max. 100mW
WiFi: IEEE802.11b/g/n (30m)	Video bit rate: 256kbps – 3.0Mbps
Protocol: TCP/IP, UDP, P2P, DNS, DHCP, RTSP, ONVIF	
Connections: USB, MicroSD card slot, DC power input	
Supports MicroSD(HC/XC) cards up to 128GB (FAT32/ exFAT) class10	
Video file format: .MP4	Built-in microphone & speaker
Values for one connected camera:	
File size (night; B/W): 1MB/min (32GB at least 10 days recording)	
File size (day; colour): 4.5MB/min (32GB at least 5.0 days recording)	
H.264/H.265 video compression	
G711A-Law 16bits 8kbps audio compression	
Streaming self-adaptive audio compression code	
Automatic overlay loop recording	
Alarm function (push message) on your Smartphone	
Rechargeable replaceable battery: 2x type 18650 Li-Ion 2600mAh	
Power supply: DC 5V / 2.5A	Power consumption 8W maximum
Operating conditions: 0°C~+40°C, humidity 80% or less (non-condensing)	
Weight / Dimension: 500g / (L) 19.1 x (W) 12.3 x (H) 3.2cm	

Camera

Colour sensor: 1/ 2.9" CMOS (2 MP)	
Minimum illumination: 0.1 Lux @ (F2.0, AGC ON), 0 Lux with 3x IR LED	
Viewing angle: 90° horizontal, 55° vertical	
Lens / Shutter: f=3.6mm / 1/25s ~1/25000s	
Signal system PAL/NTSC	
Day / Night mode: built-in IR-CUT filter automatic switching	
Built-in microphone & speaker	
Video resolution: HD (1920*1080) Smooth (640*480), max. 15fps	
Motion detection ~8m (PIR 120°)	IR distance ~15m; 850nm (open space)
Protection class IP66	Connections: Power, RJ-45 (LAN)
Network Interface: 2.4GHz WiFi	Radiated output power max. 100mW
WiFi: IEEE802.11b/g/n	Reset button
Power supply: DC 12V / 1A	Power consumption 6W maximum

Operating conditions: -20°C~+60°C, humidity 90% or less (non-condensing)
Weight / Dimension: 700g / (L) 20.0 x (W) 8.0 x (H) 6.0cm (+18cm antenna)
In general
APP "Security Premium": iOS 9.0 or above; Android 7.0 or above / EN, DE, FR, ES, IT, NL, SE, DK, NO, FI, CZ, PO (06-2020)
Package contents: Security Camera Set 7" Touch Screen TX-128 (1x monitor & 1x camera), 1x power adapter 5V/2.5A, 1x power adapter 12V/1A, 2x rechargeable battery type 18650 2600mAh, 5x Screws & Dowels, User Manual (short)

Support

Service phone No. for technical support: **01805 012643*** (14 cent/minute from German fixed-line and 42 cent/minute from mobile networks). Free Email: **support@technaxx.de**

The support hotline is available Mon-Fri from 9am to 1pm & 2pm to 5pm

Care and maintenance

Clean the device only with a dry or slightly damp, lint-free cloth.

Do not use abrasive cleaners to clean the device.

This device is a high-precision optical instrument, so in order to avoid damage, please avoid the following practice:

- Use the device in ultra-high or ultra-low temperature.
- Keep it or use it in moist environment for long.
- Use it in rainfalls or in water.
- Deliver or use it in strongly shocking environment.

Declaration of Conformity



The EU Declaration of Conformity can be requested at the following address: www.technaxx.de/ (in the lower bar "Declaration of Conformity").

Disposal



Disposal of the packaging. Sort packaging materials by type upon disposal.

Dispose of cardboard and paperboard in the waste paper. Foils should be submitted for recyclables collection.



Disposing of old equipment (Applies in the European Union and other European countries with separate collection (collection of recyclable materials) Old equipment must not be disposed of with household waste! Every consumer is required by law to dispose of old devices that can no longer be used separately from household waste, e.g. at a collection point in his or her municipality or district. This ensures that the old devices are properly recycled and that negative effects on the environment are avoided. For this reason, electrical devices are marked with the symbol shown here.



Batteries and rechargeable batteries must not be disposed of in household waste! As a consumer, you are required by law to dispose of all batteries and rechargeable batteries, whether they contain harmful substances* or not, at a collection point in your community/city or with a retailer, to ensure that the batteries can be disposed of in an environmentally friendly manner.
* marked with: Cd = cadmium, Hg = mercury, Pb = lead. Return your product to your collection point with the fully discharged battery installed inside!

Made in China

Distributed by:

Technaxx Deutschland GmbH & Co. KG
Konrad-Zuse-Ring 16-18,
61137 Schöneck, Germany

Security Camera Set 7" Touch Screen TX-128

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