Technaxx® * User Manual

Mini PT Outdoor Kamera TX-390
additional camera for TX-389 Set

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.

Model: TX-390; Article No. 5440; 01/2026

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Hints

● Only use the product for purposes due to its intended function ● Do not damage the product. Following cases may damage the product: Incorrect voltage, accidents (including liquid or moisture), misuse or abuse of the product, faulty or improper installation, mains supply problems including power spikes or lightning damage, infestation by insects, tampering or modification of the product by persons other than authorized service personnel, exposure to abnormally corrosive materials, insertion of foreign objects into the unit, used with accessories not preapproved. ● Refer to and heed all warnings and precautions in the user manual.

Safety instructions

● The product is intended for the recording of digital photos and videos. It is intended for use by private individuals.
● Never touch the product with wet or damp hands.
● The product can only be operated with the voltage described on the interior panel.
● Do not place the product on an unstable surface. The unit could be damaged or persons could be injured. Any attachments should be made only in accordance with the manufacturer's instructions or obtained from the manufacturer.
● The cable is sheathed and insulates the current. Do not place any objects on the cable, as this could cause the protective function to be lost. Avoid placing excessive stress on the cable, especially at sockets and plugs.
● If you want to pull the plug out of the socket, always pull on the plug and not on the cable. The cable could otherwise break.
● Do not overload wall outlets, extension cords, or other wiring as this may result in fire or electric shock.
● Do not insert any objects into the openings of the unit, as current flows in some places and contact may cause fire or electric shock.
● Unplug the power cord from the power outlet for cleaning.
● Do not use liquid cleaners or cleaning sprays. The product may only be cleaned with a damp cloth.
● Do not connect any additional devices that are not recommended by the manufacturer.
● Do not use the product in direct sunlight or places where the temperature may exceed 45°C for a long time.

Warnings

● Do not disassemble the product, it may result in short-circuit or damage. ● Do not modify, repair or remove without professional guidance. ● Do not use corrosive or volatile liquid for cleaning. ● Do not drop or shake the device, it may break internal circuit boards or mechanics. ● Keep the device away from little children.

Notes on data protection

● Personal rights: When setting up the camera, be sure to respect the personal rights of the people around you. Under no circumstances may you set up the camera in such a way that people who happen to enter the recording area of the camera are recorded in such a way that they can be identified in any way! This also applies to the recognizable recording of vehicle license plates.

● Do not monitor public areas: Observe all national laws and regulations regarding the legality of recording in public areas (streets, sidewalks, parking lots, etc.) by private persons. Refrain from using the camera in such an environment that is in defiance of the law.
● No workplace monitoring: Observe all national laws and regulations regarding the legality of recording at the workplace by an individual. Refrain from using the camera in the workplace in a way that is in defiance of the law. Under no circumstances may you use the camera to monitor your use the camera for employee monitoring! Surveillance in the workplace is subject to particularly strict conditions in Germany.
● Delete recordings: Photos or videos of recorded people whose consent you do not have or that have not been informed, must be deleted immediately.
● Property protection: If using the camera for property surveillance or to investigate administrative offenses or crimes, ensure that only a perpetrator and not, for example, uninvolved persons are recorded.
●Handover to investigating authorities: Only if a misdemeanor offence has been committed, you may only hand over the recordings to the investigating and only to them. The investigating authorities will then decide on the further use of the recordings.
Note: Different laws may apply depending on the federal state. Seek professional legal advice in case of doubt.

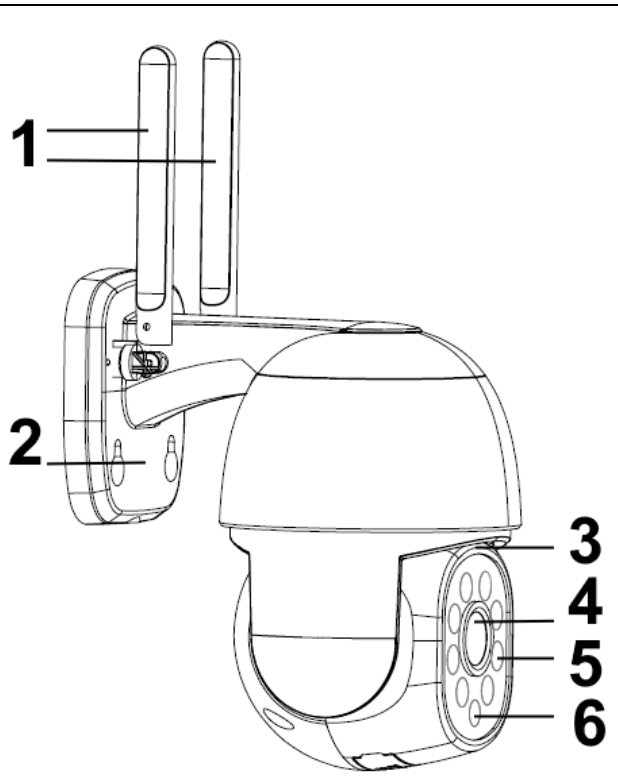
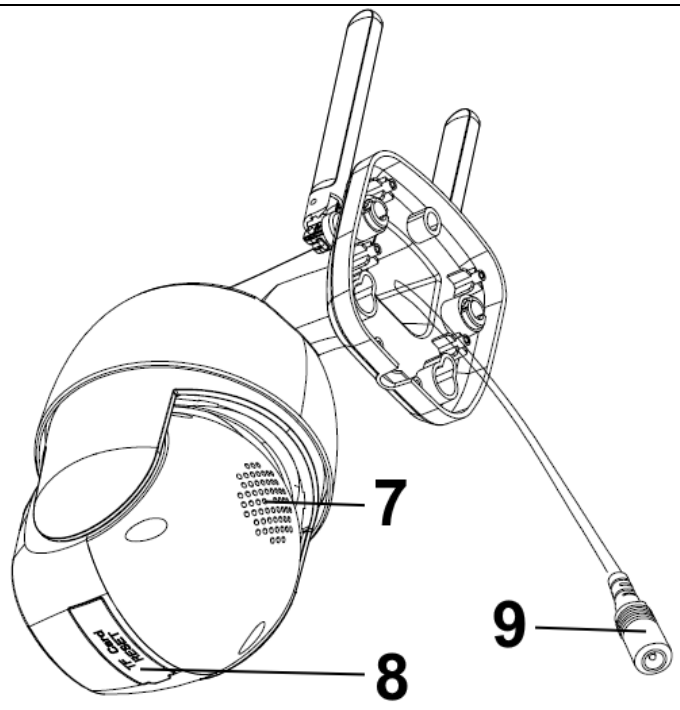
Disclaimer

● In no event shall Technaxx Deutschland be liable for any direct, indirect punitive, incidental, special consequential danger, to property or life, improper storage, whatsoever arising out of or connected with the use or misuse of their products. ● This device is NOT intended to be used for illegal surveillance purposes and shall not be used in any form as evidence for claim purpose. ● Error messages may appear depending on the environment it is used in. ● Technaxx Deutschland is not liable/responsible for non- recording of events, missing files, etc.

Features

- FullHD video resolution 2304 x 1296 with max. 20fps
- Motion detection up to ~5-8m with automatically recording
- Wide viewing angle 86° horizontal & 46° vertical
- Rotation (355° horizontal & 90° vertical)
- 6x IR LED red glow (850nm) up to ~15m for B/W night vision
- 6x white LED (4W, 200lm, 6000K°) ~15m for colored vision at night
- Supports WiFi 2.4+5.8GHz IEEE802.11 b/g/n/ac/ax
- WiFi transmission distance up to max. 15m (open field)
- Brilliant 1/2.9" CMOS color sensor (3MP)
- Camera suitable for outdoor use, waterproof and dustproof IP65
- Free “Security Premium” APP for worldwide access [iOS & Android]
- Download of recordings via APP on to your Smartphone
- Alarm function (push message) on your Smartphone
- Built-in microphone & speaker for 2-way communication
- Supports MicroSD(HC/XC) cards up to 128GB* (Class 10) for local recording (*not included)
- H.264/H.265 video compression (for space-saving recordings of high quality)

Product overview

Camera			
Side		**Back**	
			
1	Antenna	1	Antenna
3	Microphone	3	Microphone
5	IR LED & White LED	5	IR LED & White LED
7	Speaker	7	Speaker
9	Power input (12V/1A)		

General information

Power connection

Connect the camera (12V/1A) with the power adapter to a socket outlet. Device starts automatically.

MicroSD card

To insert the MicroSD card with the notches facing up towards the camera.
Note: Take care while inserting the MicroSD into the slot. Otherwise it could happen that you put the MicroSD into the device instead of into the MicroSD slot.
Supports MicroSD card 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 for 4-32GB and exFAT for 64-128GB. Check if there is more than 256MB space available.
For 64-128GB MicroSD cards it might be necessary to format the MicroSD card after inserting and configuration via the App. To work properly, the App must show the following status under device memory: Normal.
Note: Automatically overwrite the earliest record, when MicroSD storage is full.

IR LED

The camera activates the infrared light automatically as soon as low illumination prevails. There for the light option on the monitor needs to be set to infrared. With the IR LEDs shining at night you get black/white images/recordings at night.

White LED

The camera activates the white light automatically as soon as low illumination prevails. There for the light option on the monitor needs to be set to color. With the white LEDs shining at night you get colored images/recordings at night.

RESET Button

Press and hold the reset button for 5 seconds to reset the device. Find the reset button next to the Power slot.

Quick operation guide

For STANDALONE USE

In this mode TX-390 camera can only be configured by iOS or Android APP!

Preparation

1. Insert a MicroSD card* into the MicroSD card slot of the camera for saving recordings (*not included).

Note: A MicroSD card should be inserted into the monitor before it can be operated. Before inserting or removing the MicroSD card, the monitor must be in OFF Mode. Failing to do so may cause loss of or damage to the videos already recorded on the MicroSD card.

2. Connect the camera (12V/1A) with the power adapter to a socket outlet. Device starts automatically.

Note: TX-390 supports 2.4 & 5.8 GHz WiFi.

Get App and add monitor

→ To download the App Security Premium from the Appstore or the Playstore search for “Security Premium” or scan the QR-code below.
[iOS 15.0 or above; Android 13.0 or above (12-2025)]

APP icon	**iOS**	**Android**

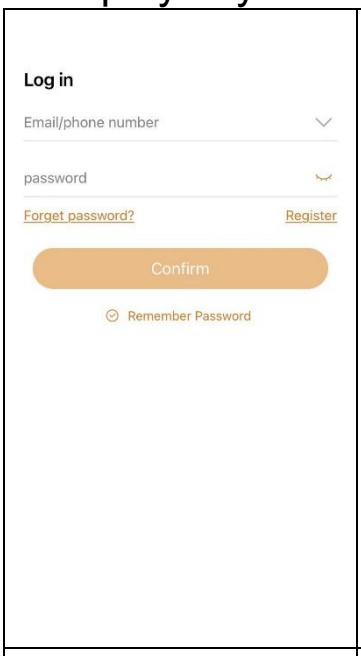
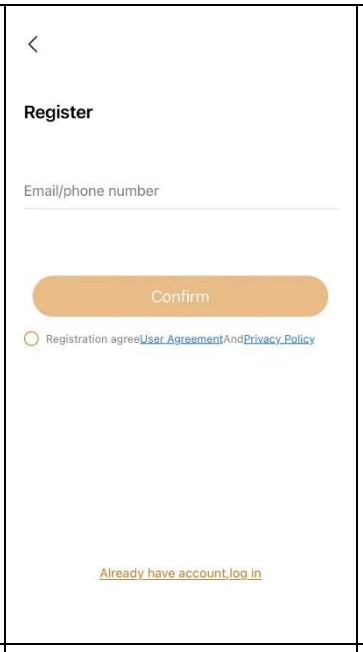
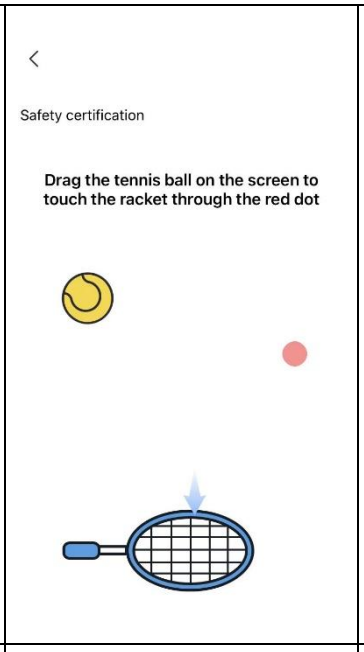
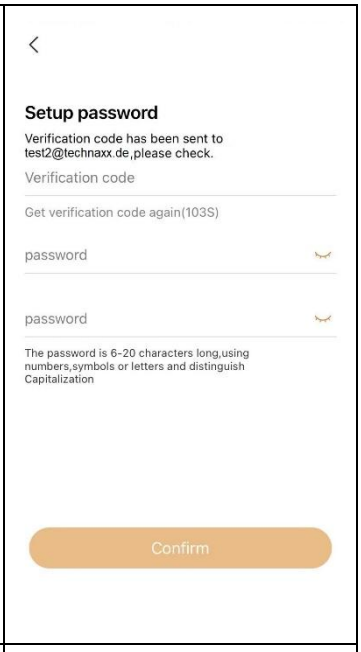
→ Open the Security Premium App on your device.
→ Register Account.

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.

Note: The verification code is valid for 15minutes upon receipt.

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

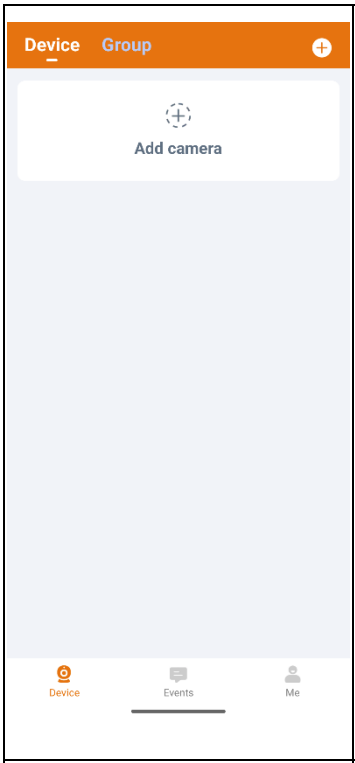
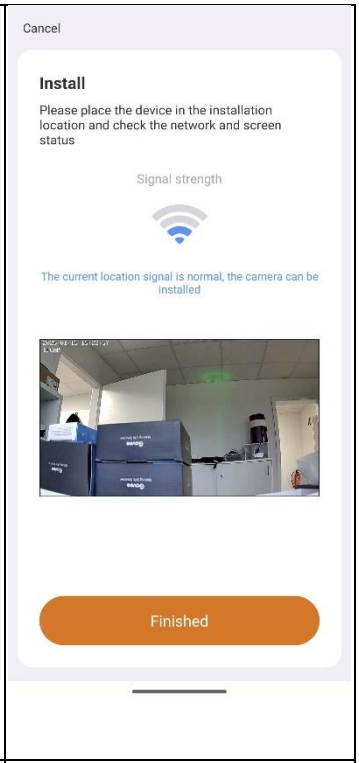
Note: The Confirm button maybe is hidden under the smartphones display keyboard.

			
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(5) Click “**+**” on top right corner to add.
(6) The App will search for devices nearby. Click on Add
(7) Choose your WiFi network and enter the password for it. Confirm it.
Follow the steps in the App:

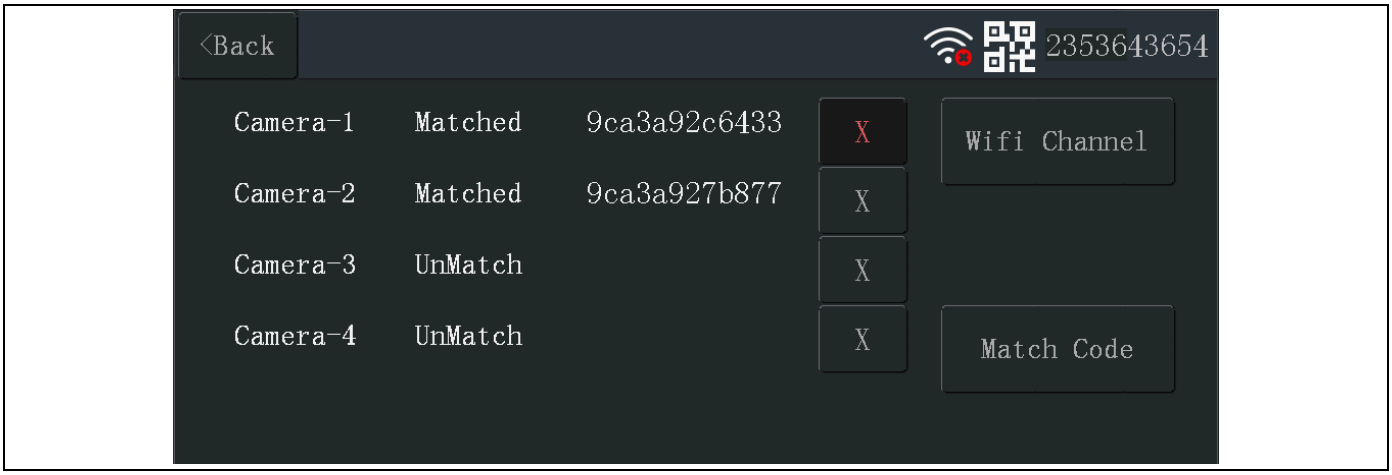
- Change the device name to your needs, e.g. garden. Press on Next.
- Enable Motion Detection Alert and Push messages. Press on Save configuration.

(8) Installation is complete. Press on Finished.
Important: Change the password after you have added the camera successfully to the Security Premium App. Currently the camera has no password entered! A prompt will be shown on the camera image.

			
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Use as additional camera for TX-389 Set

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 of the camera.
→ Press the button until the camera speaks or makes a sound.
Step three: Enter the Matchcode 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.



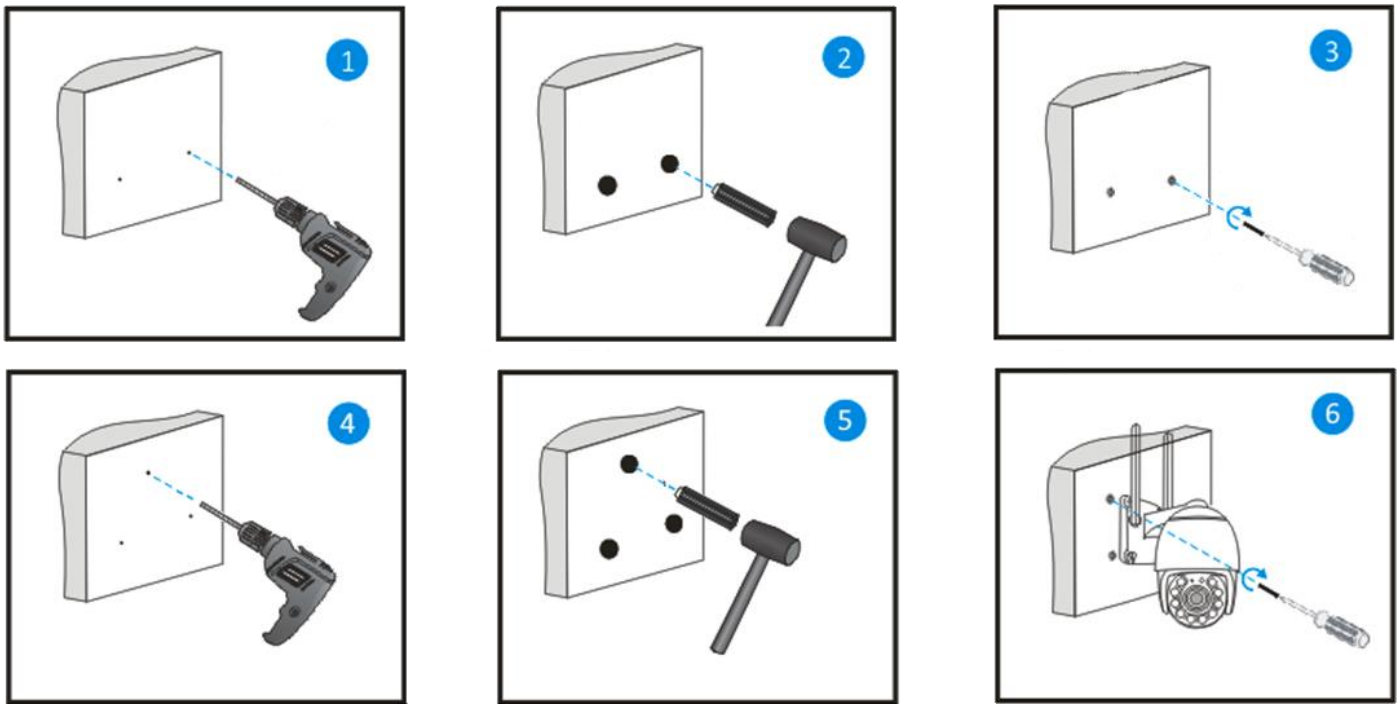
Mounting

Alignment

When placing your camera, keep these tips in mind:

- Avoid placing the camera in an area that gets a lot of light shining directly into the camera lens.
- You can move and zoom the field of view.
- Keep active locations in the camera's field of view. The camera provides a 86° viewing angle and can rotate horizontal 355° and vertical 90°. Position your camera so that the space you want to monitor is within the camera's field of view.
- To help with placing your camera, do a live stream from the camera. Aim the camera while watching the video feed on the App or the monitor to make near-real-time adjustments to the camera's position.

Wall mount



- Find a place where you want to mount the camera. Make sure you have a power socket nearby.
- Mark the two bottom holes for camera mounting.

Note: 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.

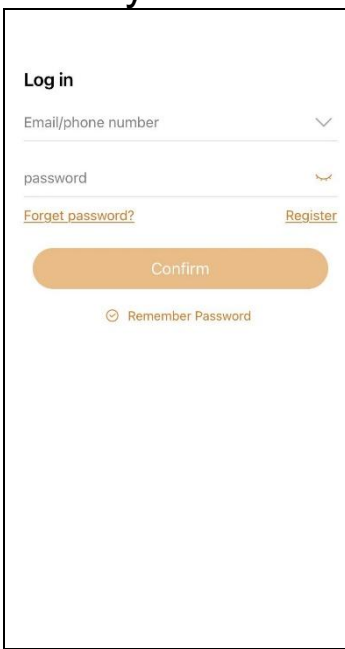
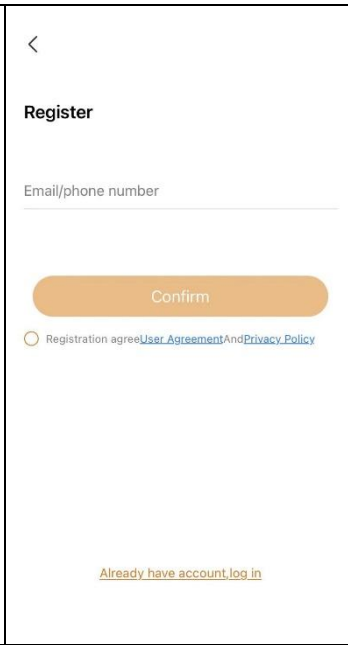
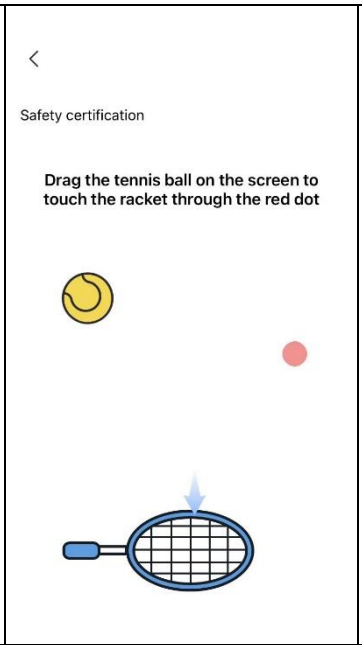
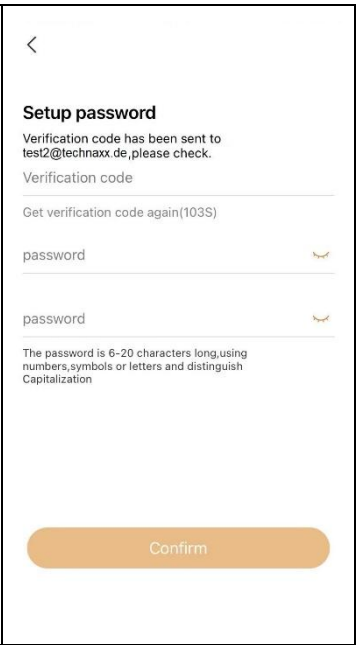
- Drill the two bottom holes into the wall and insert the dowels. Use a hammer for a flush finish with the wall. Screw in the screws. Make sure they are not completely screwed in.
- Hang the camera onto the two screws with the bottom holes.
- Now mark the top hole.
- Remove the camera.
- Drill the top hole into the wall and insert the dowel. Use a hammer for a flush finish with the wall.
- Again, hang the camera onto the two screws with the bottom holes.
- Screw in the top screw to mount the device safely.

App pictures are based on Security Premium for iOS and Android in version 3.8.8 / 3.9.8

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

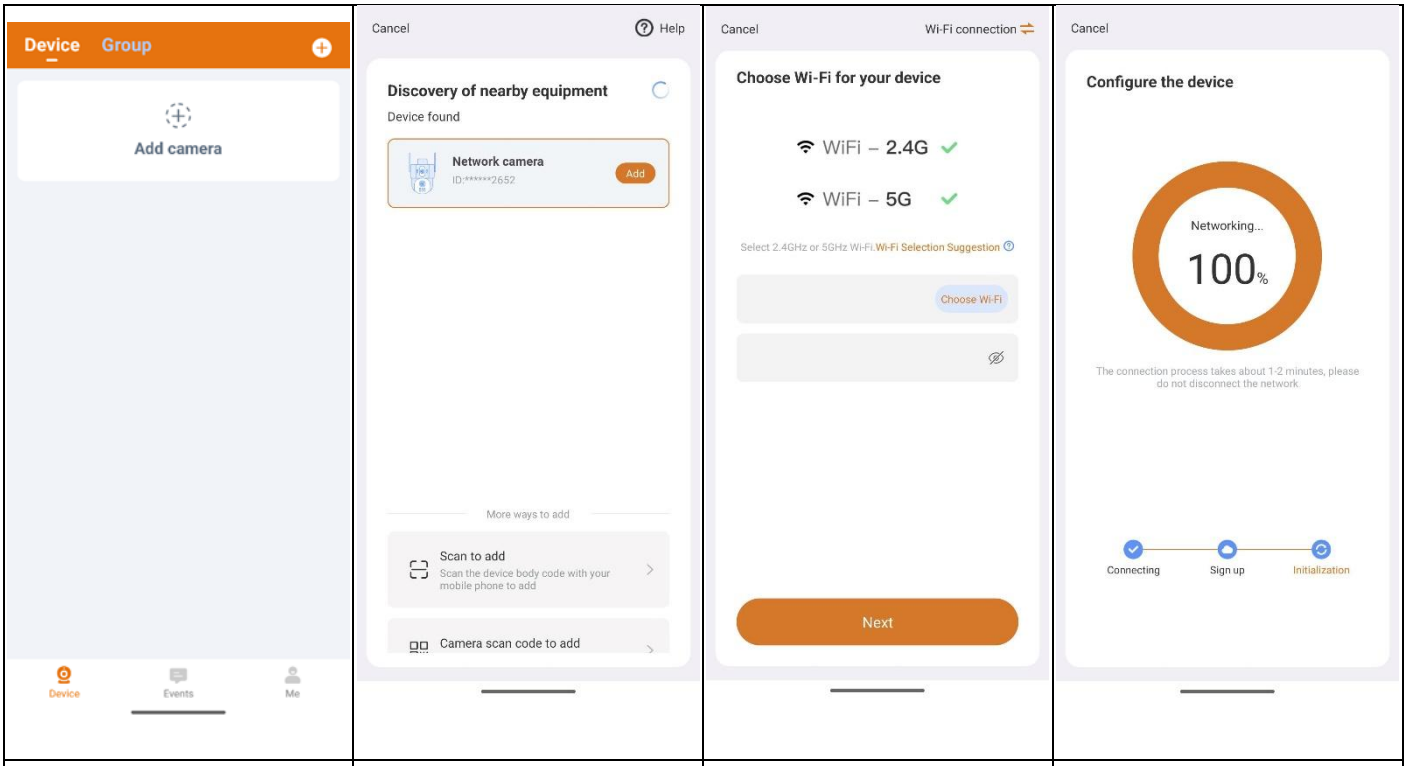
system sends a confirmation Email, which the user can check via his Email account.

How to add a device

Add Device

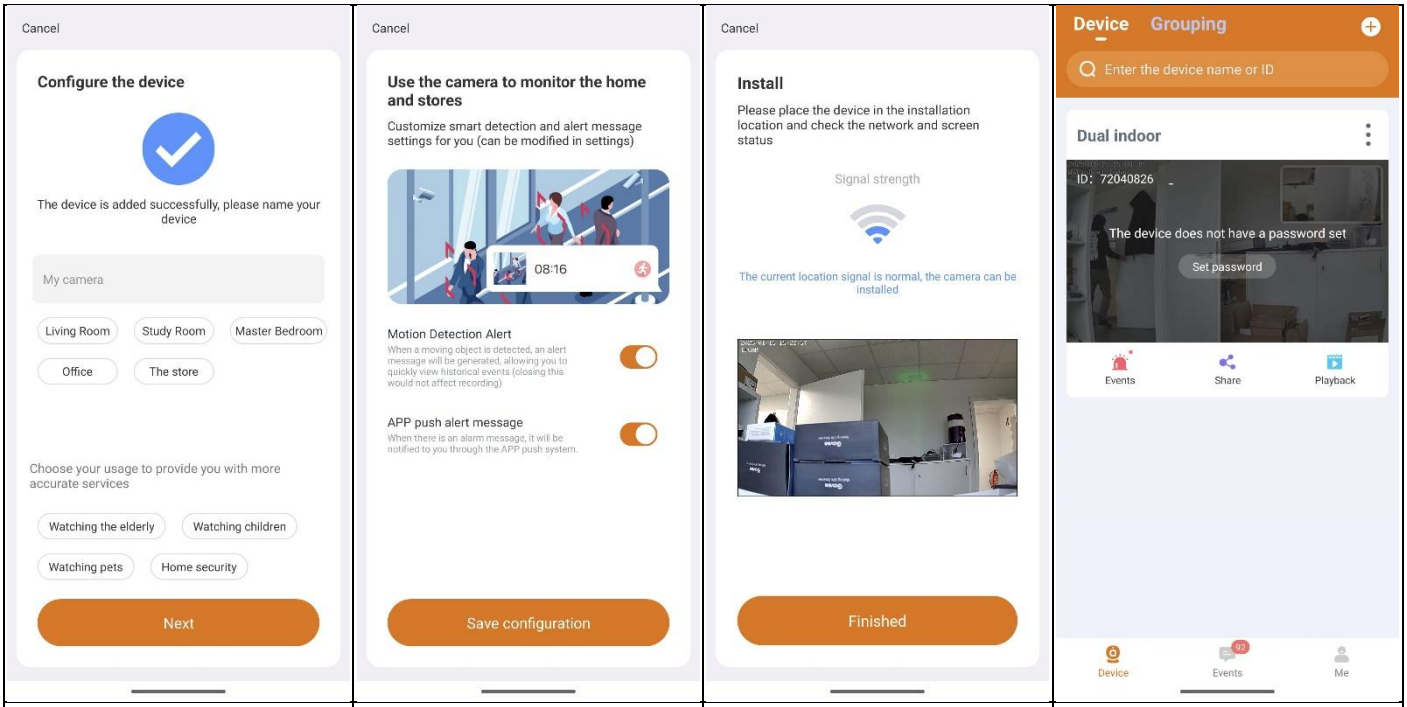
Login to the App if not already done and go to “Device” interface.

iOS and Android:



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(1) Enable Bluetooth on your phone and click “**+**” on top right corner
(2) The App will search for devices nearby. Click on Add
(3) Choose your WiFi network and enter the password for it. Confirm it.
(4) Camera is going to be configured.



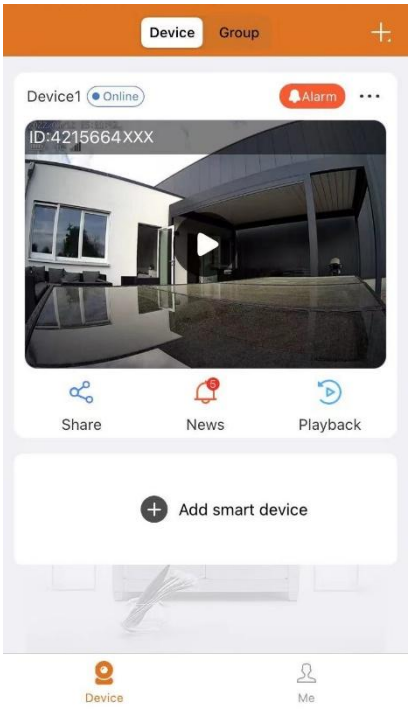
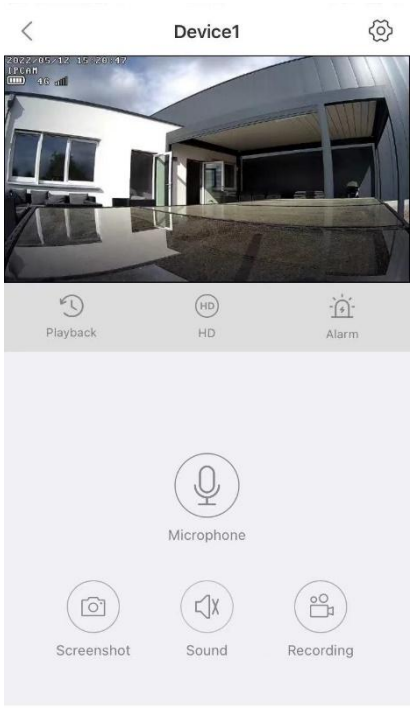
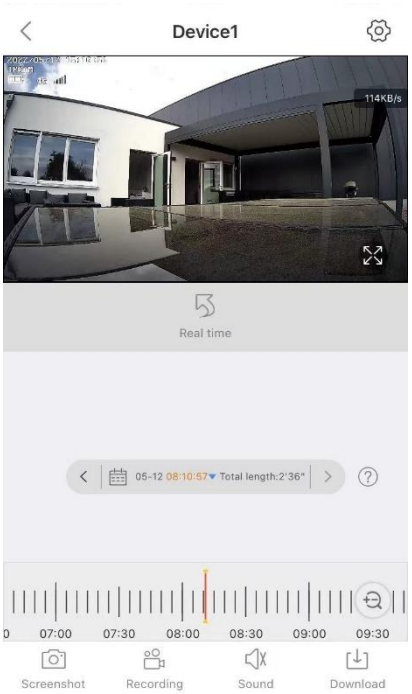
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(5) Change the device name to your needs, e.g. garden. Press on Next.
(6) Enable Motion Detection Alert and Push messages. Press on Save configuration.
(7) Installation is complete. Press on Finished.
(8) Change the password after you have added the 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, device settings, show manually taken Screenshot/Recordings, Edit or Delete the camera. Under the camera image you can find Share, News (Push) and Playback.

		
Device Interface	Live view Interface	Playback Interface

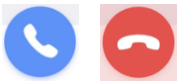
Live view

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

- Two fingers touch the screen and move outward to enlarge the image.
- Two fingers touch the screen and move inward to narrow the image.
- Single finger double clicks the screen to enlarge or narrow the image.
- Single finger slides left/right to rotate the image.

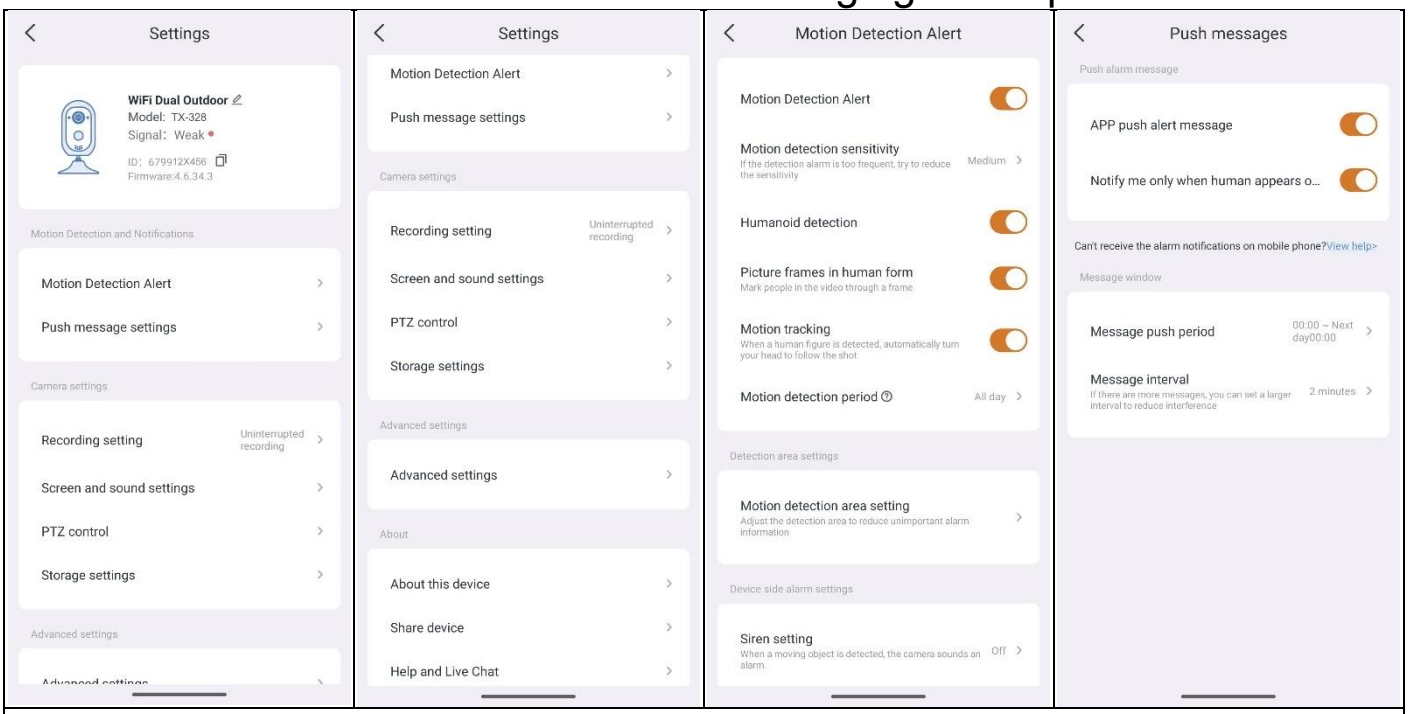
Button function list for Live view and Playback

	Device Setup	Click top right corner for setup of the selected camera channel
	Flashlight	Turn on/off the white LEDs manually
	Resolution	Users choose the Resolution according to their needs. **Note:** HD = higher data consumption!
	Audio	Turn on/off the audio of the live view or the playback
	Screenshot	Take a screenshot of the live view. It will be stored on your Smartphone. Go to Me and click on Screenshot/Recording to view the taken pictures.
	Recording	Click to record the currently seen as video. Click again to stop recording and save the video file to your Smartphone. Go to Me and click on Screenshot/Recording to view the taken recordings.
	Full screen	Enlarge the image
	Playback	Playback videos stored on the MicroSD card
	Return	Return to live view
	Events	Shows alarm messages
	Gallery	Check pictures and recordings
	2-way-call	Click the blue to start the two way communication. To stop, click on red.
	Preset	Set/call a preset

	More	Shortcuts for quick access: - Motion detection - Tour: Enable/Disable - PTZ calibration - Infrared night vision: Enable/Disable - Siren: Enable the alarm sound on the camera manually. It will last for max. 15s or until you stop it manually.

Device Setup

Clicking on Setup or Setting under the live view. It opens a specific setup for the selected camera channel. Because of that, below settings can differ and need to be checked in the manual belonging to the product.



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

Device Information	
Device name	Channel name
Model	Device model
Signal	Signal strength: weak, middle, high
ID	The ID number of the device. This item cannot be filled in. Device ID will be automatically configured according to device type.
Firmware	Current installed firmware version 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.
Motion Detection Alert	
Motion Detection Alert	Enable/disable motion detection alarm. When the alarm function (motion detection) of the camera is triggered, the device will push the alarm message to our server and then the server will push the message to your Smartphone which receives alarm push.
Motion detection sensitivity	Select the sensitivity of the motion detection. Depending on the circumstances, a different attitude may be the best. Lowest about 1-2m; At the highest up to 10m
Humanoid detection	Motion detection will be more precise and you get alert when human is moving in front of the camera.
Picture frames in human form	Mark people in video through a frame
Motion Tracking	Enable/disable, when a human is detected, it will automatically follow the movement.
Push motion detection period	Select or set the period time to: All day, Daytime, Night or Customize it
Motion detection area setting	Set/change the detection area or warning line. Improve the motion detection by deleting marked areas that often trigger motion detection.
Siren setting	Enable/disable to hear a siren sound from the camera with every detected motion. After you enabled the function you can choose to use the default sound or customize the alarm by recording your own sound.
White light alarm	Light warning will be triggered when human movement is detected.
Push message settings	
App push alert message	Enable / Disable
Notify me only when human appears	Enable / Disable
Message push period	Set the push period to: Push all day, Push during the day, Push at night or Customize it
Message interval	Set how often you want to receive a push: Every 2, 10 or 30 minutes.
Recording settings	
Record mode	Choose between Event recording or Uninterrupted recording
Video clarity	Set SD or HD

Record sound	Enable/Disable, when disabled there is no sound when viewing live and playback recordings
Timed video recording	Set a schedule when the camera should record.
Screen and sound settings	
Night vision mode	Set different modes: Smart night vision, Full color night vision, Infrared night vision, Infrared always on or Night vision off
Invert the image	Turn on when installing the camera upside down (NOT RECOMMENDED!)
Device call volume	Set the volume of the camera speaker
Anti-flicker setting	Adjust this setting if you have flickering problems
PTZ control	
PTZ speed	Choose between Low, Medium, High
Cruise mode	Choose Panoramic or Preset position cruise mode
PTZ calibration	Needs 30s to calibrate the PTZ function to work normal again after failure.
PTZ control direction flip	- Flip up and down: Enable/disable to change alignment - Flip left and right: Enable/disable to change alignment
Storage settings	
Local storage space	Show the status of MicroSD card (normal or abnormal). If the status is abnormal Format the MicroSD card. This takes about 3-5minutes. Shows used storage capacity of MicroSD card.
Download local video files	Shows you all recordings sorted by day and time saved to the MicroSD card.
Format the memory card	Click it to format the MicroSD card. The procedure is about 3-5 minutes and is not blocked by other operation. **Note:** 64 -128GB can be necessary to format via the App! It could be necessary to format until the App shows MicroSD status: Normal.
Advanced settings	
Status-LED	Enable/Disable
Device voice prompt	Change the language according to user's needs. Voice Prompt is mainly used for status information for the user
Signal strength	Shows the current strength of the WiFi connection
Connect new WiFi	Connect the camera to a new WiFi router

Time synchronization	Time syncing between Smartphone and camera.
Time zone setting	Time zone is set automatically. If not, adjust it here.
Daylight saving time	Enable/disable summertime. Choose country.
Setup password	Admin is a fixed username, cannot be changed. Click on password to change the old password to a new one.
Restart the camera	Click to restart the camera.
Delete and reset the camera	Click to reset the camera and delete the camera from your account.
About	
About this device	Shows the Camera model, Device ID, Software version, Connected WiFi, WiFi signal strength, IP address and MAC address.
Share device	Share device with another account here. Choose the permissions the person you share the device with is able to use.
Help and live chat	FAQ for questions

Playback

Click the button of remote  playback in the live view.

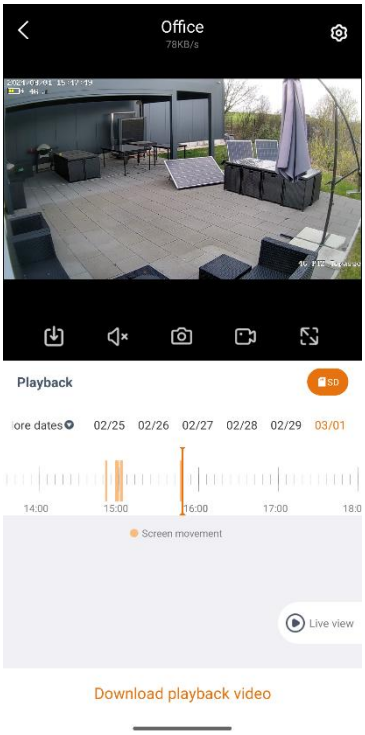
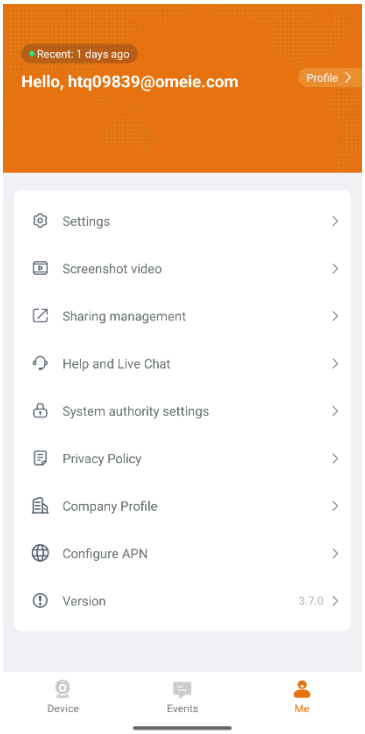
Precondition of camera remote playback:

→ 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

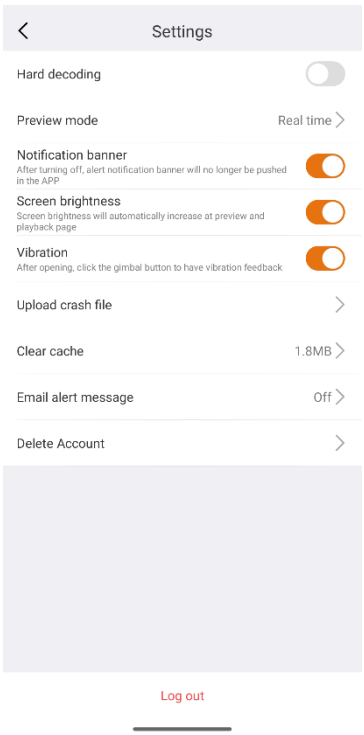
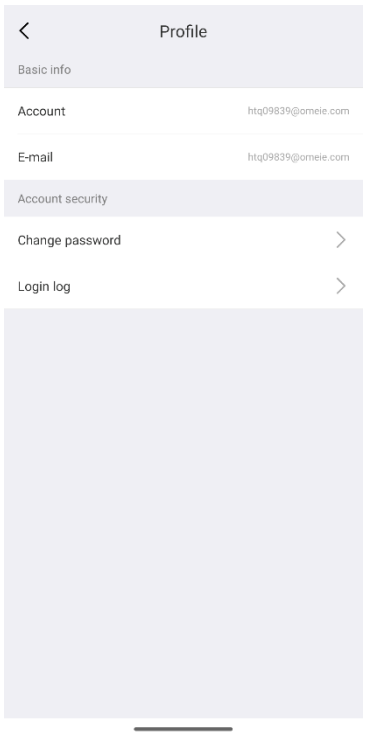
In the timeline you can find the color Green, Orange and a light Orange overlay. Green marks the recordings of human detection. Orange marks recordings of movement. The light Orange overlay marks the recordings of time (continuous or set schedule).

	
Playback Interface	Me

Me (personal area)
On this interface users can setup their account and App settings. See the picture above.

Profile >	See your account email address. Add cellphone number 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

	
Setup interface	Personal info (account) interface

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

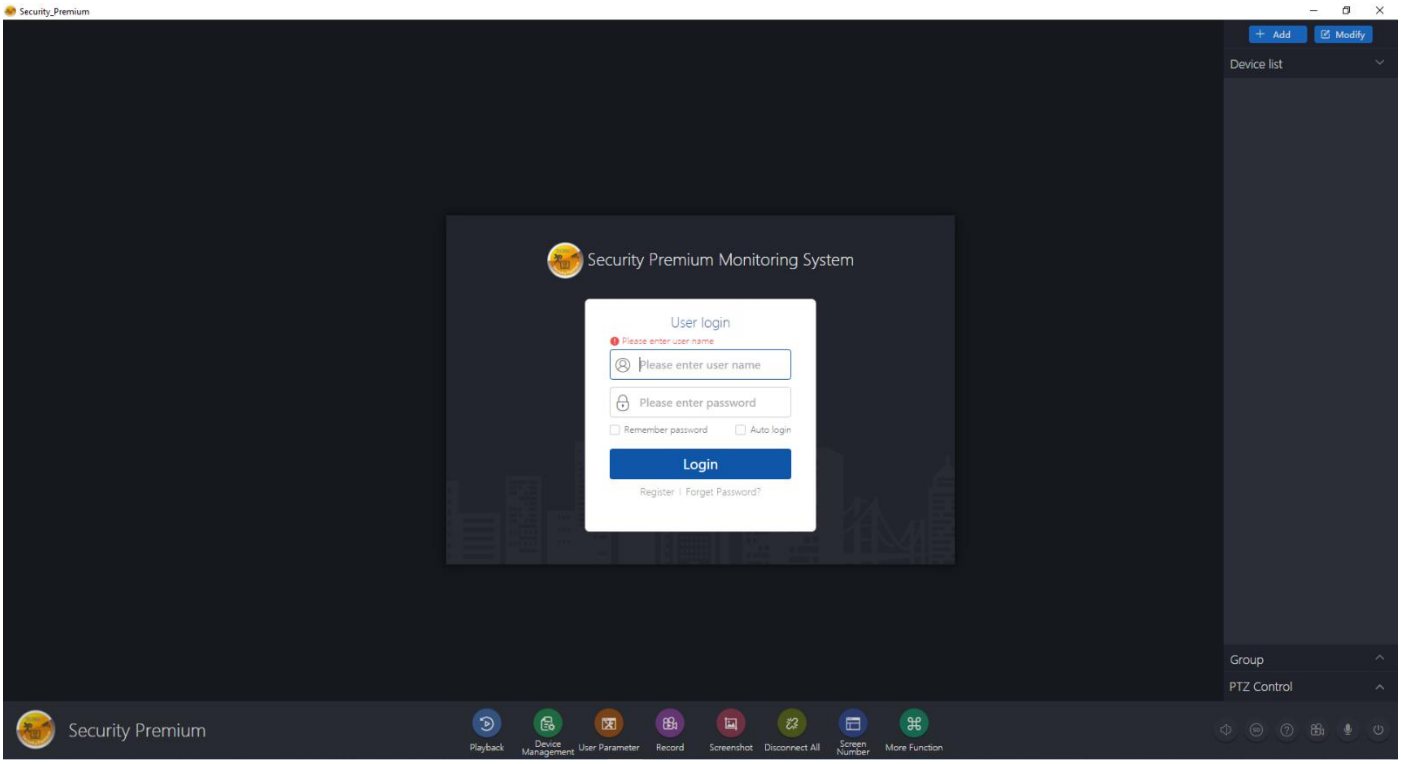
→ Start the Security Premium.exe which you find under www.technaxx.de/support --> TX-390
→ Double click on the Security Premium.exe to start the installation.
→ Choose the language and click on OK.
→ Agree to license agreement and click on I Agree.
→ Choose the path the software is installed to or keep 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

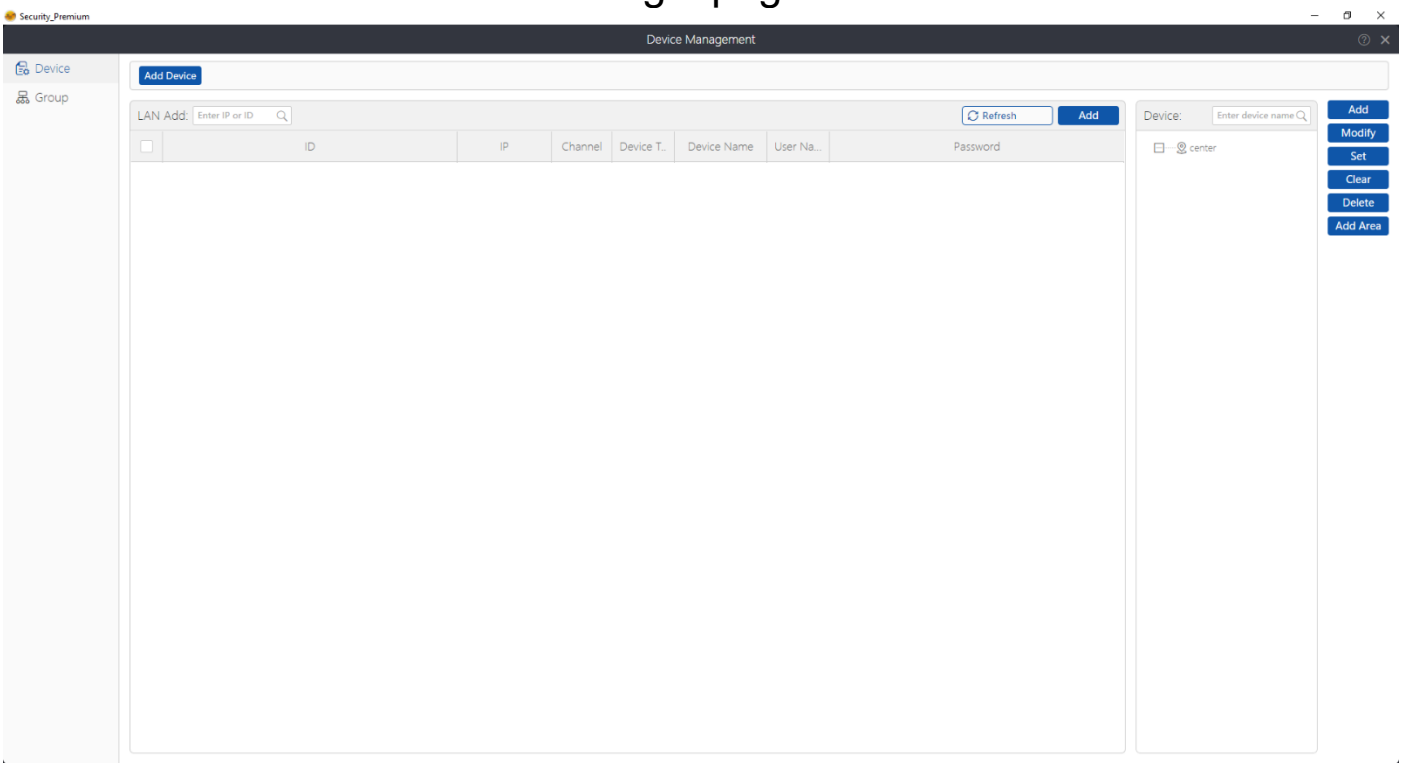
→ The PC Software starts automatically. A login window will show up. Just click on Login to use Local login.
→→ If you want to login with your registered App account (Cloud login) enter the email address (phone number) and the password, that you created over the App.

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.



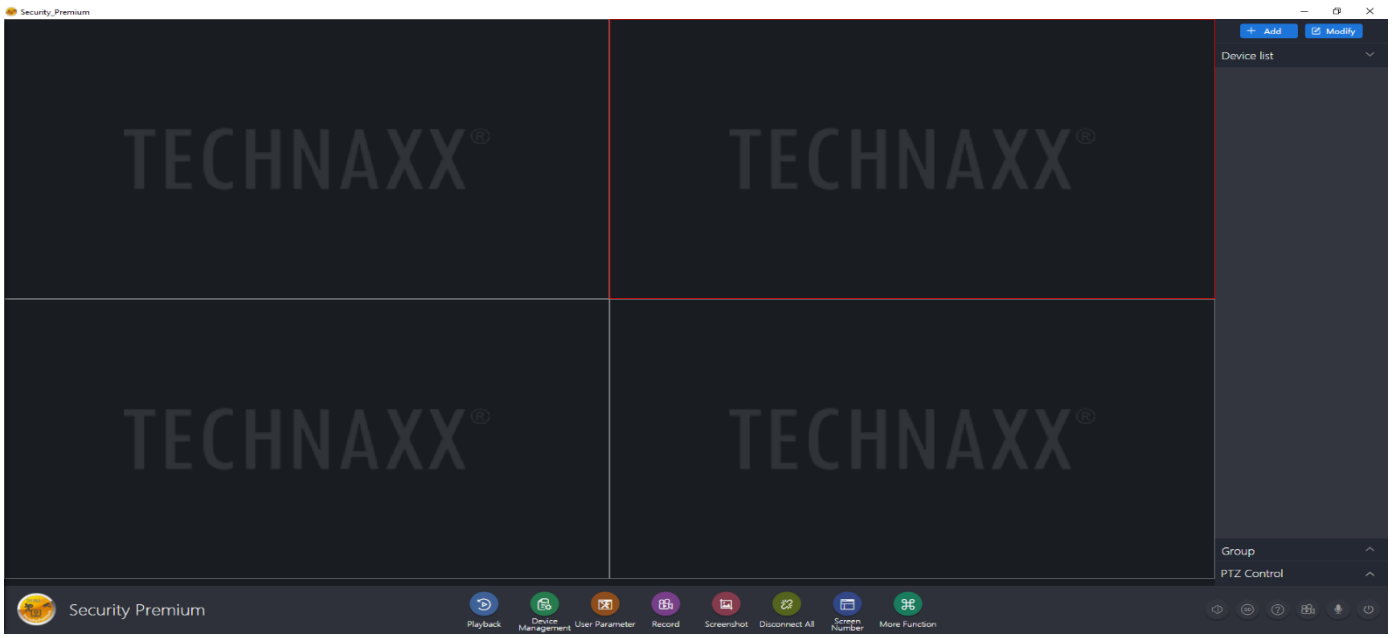
Login page



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 o the MicroSD card inserted to the camera.



Troubleshooting

Problem	Solution
The camera takes photos / videos without any target objects in them (false triggers)	-Image change: The camera is triggered by detecting the movement of humanoid or image changes, so e.g. shadows or moving leaves, trees can cause a motion detection. -Reflecting light: Light can trigger the camera, so avoid targeting the camera at anything that can reflect light (e.g. mirrors or moving bodies of water). -Rising/setting sun: So as to avoid targeting the sun as it rises or sets, mount the camera to face north or south. Unstable mounting: If the camera's mounting is not stable, then it may move and mistake this for the movement of objects in its field of view. When mounting the camera check that it is completely stable and avoid mounting it on anything that can move or shake. Target objects moving too quickly: In the case of fast-moving objects, e.g. animals, if the camera is positioned too close, or perpendicular to the target trail, there is a possibility that the trigger will not go off in time. a) Mount the camera further back from the trail b) Mount it at a 45° angle to the trail. Tree leaves/branches: Grass swaying in the wind, falling leaves or falling/moving tree branches/twigs can reflect the sun's heat and potentially cause false triggers. a) Mount the camera away from such objects, preferably slightly higher up (around 3-3.5m from the ground) to avoid swaying grass b) Clear the target area as much as possible of twigs, leaves and branches.
The camera is not capturing any videos	-Camera is not turned ON: First ensure that the camera is turned on checking the power connector. -MicroSD card is full:

	a) Upload the files saved on the MicroSD card to your computer, delete them from the card and re-use the same card, or: b) Put a new MicroSD card into the camera, or: <u>-MicroSD card is corrupted:</u> Due to physical damage, improper insertion/removal or viruses, MicroSD cards can become corrupted. If this happens, you will need to format/reformat the MicroSD card.
Night vision range is limited	<u>-“Night Mode” is not set correctly:</u> First ensure that “Night Mode” is set to “Intelligent”. <u>-Nearby light source:</u> If there is a significantly bright light source near the camera it may interfere with the functioning of the camera’s night vision. Avoid placing your camera near a bright light source. <u>-Target area is too open:</u> The camera’s night vision works via infrared light that is emitted and reflected back off the objects in the target area, then captured by the camera’s image sensor. Therefore, if the target area is too open, i.e. with very few objects to reflect the IR light, then the night vision image will appear very dark. For night vision purposes, target the camera at an area that contains objects, e.g. trees, bushes, walls, etc.
No preview	The server may be congested, try restarting the app.
No push notification	Make sure the app has notification permissions. Confirm that the alarm message push switch is turned on in the App Personal Center settings. Confirm that the alarm message push switch is turned on in the camera settings.
No recording	Insert MicroSD card before booting. Make sure the camera motion detection (monitoring) switch is turned on. (App) Make sure the camera recording switch is turned on (App). Check whether the MicroSD card status is normal in the App. If it is abnormal, try to format the MicroSD card.
Unsuccessful network configuration	Make sure your phone, camera, and router are close enough. Check that the router name and password are correct.

Device is offline	Check your router's Internet connection. Check the connection between the camera and the router. If you change the router or change the WiFi password, you need to reset the camera and reconfigure the network.

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 press RESET button for 5 seconds and make the device to restore to factory settings.

Q2: What should I do if I forget my App password?

A2: If you have forgotten the login password of the App account, please reset the password through the "Forgot Password" option in the login interface as instructed.

The device's access password is set after the device is added or modified by the App, and the App remembers it. Subsequent access does not need to be re-entered.

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

A3.1: The device only supports the FAT32 file system and storage should not be above 128GB. Confirm the file system type and whether the MicroSD card capacity is beyond the normal use scope.

A3.2: 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 to the limited use life of the MicroSD cards, the continuous 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: The device is online and also there is motion happening in surveillance area, but why not receiving alarm information on mobile phone?

A5.1: Make sure that the device IP from APP is running on the mobile and motion detection function has been enabled.

A5.2: Check if you opened the “message notification” function on your Smartphone system.

Technical Specifications

Image sensor	3MP 1/2.9" CMOS
Lens	f=4mm, fixed focus
Shutter	1/50(1/60)s ~1/100,000 s
Viewing angle	Horizontal: 86°/ vertical: 46°
Rotation angle	Horizontal: 0-355°; Vertical: 0-90°
Day & Night	Auto. IR-cut filter
Minimum illumination	Color mode: 0.05 Lux; Night mode: 0 Lux with 6x IR LED or 6x white LED
IR distance	~15m; IR 850nm, White 4W, 200lm, 6000K
Video resolution	HD (2304x1296), SD (640x360)
Video frame rate	Up to 20fps
Video file format	.MP4
Video compression	H.264/H.265
Audio compression	G711A/AAC
Speaker & microphone	Built in
Motion detection	Distance: ~5-8m (open space)
Network	2.4 & 5.8GHz 802.11b/g/n/ac/ax
WiFi security	WPA/WPA2, WPA-PSK/WPA2-PSK
WiFi distance	Max. 15m (open field)
Radiated output power max.	100mW
Storage	Supports MicroSD(HC/XC) cards up to 128GB (FAT32/ exFAT) (class10)
File size	Night; B/W or Day; color: 13MB/min (32GB = 1.5 days continuous[1] recording)
Power consumption	Day ≤ 4W / Night ≤ 8W
Power adapter	DC 12V / 1A, hollow connector 5.5 x 2.1mm
Cable length	2m
Protection class	IP65
Working condition	-10 - 45°C; RH Less than 95% (No condensation)
Material	ABS Plastic
Weight / Dimension	286g / (L without antenna) 12.5 x (W) 9.3 x (H) 15.7cm
App “Security Premium”	iOS 15.0 or above; Android 13.0 or above / EN, DE, FR, ES, IT, NL, SE, DK, NO, FI, CZ, PO (12-2025)

Package contents	1x Camera, 1x Power Adapter (2m), 3x Screws & Dowels, User Manual (short)

[1]continuous = the needed storage was calculated by continuous recording. Because it is hard to estimate the individual triggers of motion and the resulting storage need.

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
In the event of anomalies and accidents, please contact: **gpsr@technaxx.de**

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.

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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.

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Mini PT Outdoor Kamera TX-390

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