Technaxx® * User Manual Mini WiFi IP Camera TX-190

with PIR motion sensor & additional camera for TX-128 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.

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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 50°C for a long time.

Safety rules for rechargeable batteries

The product uses rechargeable batteries and can go wherever you need them. But ALL batteries can EXPLODE, CATCH FIRE, and CAUSE BURNS if disassembled, punctured, cut, crushed, short-circuited, incinerated, or exposed to water, fire, or high temperatures, so you must handle them with care.

To use the rechargeable batteries safely, follow these guidelines:

- ALWAYS store spare batteries in a cool, dry, ventilated area.
- ALWAYS make sure that the battery compartment is clean and free of any debris before inserting new batteries.
- ALWAYS make sure the battery contacts are aligned.
- ALWAYS keep all batteries away from children.

- ALWAYS follow local waste and recycling laws when throwing used batteries away.
- ALWAYS use the product to charge the rechargeable batteries.
- NEVER place the rechargeable batteries in a pocket, purse, or other receptacle, especially those containing metal objects.
- NEVER store the rechargeable batteries with hazardous or combustible materials.
- NEVER let the rechargeable battery or battery compartment get wet before, during, or after installation.
- NEVER disassemble, cut, crush, puncture, short-circuit, dispose of batteries in fire or water, or expose the rechargeable battery to temperatures above 50°C.

Warnings

- Do not disassemble the product, it may result in short-circuit or damage.
- Battery life-span will decrease with usage. Charge the battery at least once every month to preserve battery in the event the product is not used for long time. Battery warning: Improper use of the battery may cause fire or chemical burns. The battery may explode in case of 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. The camera is neither waterproof nor dustproof. It is to be intended to use indoors only.

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.
- <u>Do not monitor public areas:</u> 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.

- <u>Delete recordings:</u> Photos or videos of recorded people whose consent you do not have or that have not been informed, must be deleted immediately.
- <u>Property protection:</u> 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.
- <u>Handover to investigating authorities</u>: 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. 15fps
- PIR motion detection up to ~8m with automatically recording
- Wide viewing angle 100° horizontal & 62° vertical
- 2x IR LED no glow (940nm) up to ~5m for optimal night vision
- Battery operated, built-in rechargeable battery (up to 15days)
- Supports WiFi 2.4GHz IEEE802.11 b/g/n, low power consumption
- WiFi transmission distance up to max. 15m (open field)
- Use as additional camera for TX-128 or stand-alone camera
- Brilliant 1/3" CMOS color sensor (3MP)
- 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
- H.264/H.265 video compression (for space-saving recordings of high quality)

Product overview

Camera

Front / Side	Bac	ck
3 9 10 2 3 5 6 10		The state of the s
1 Microphone	7	MicroSD Card Slot
2 Status LED		Lens
3 Light Sensor		IR LED (2pcs, 940nm)
4 Power input (5V/1A, Micro USB)		PIR Sensor
5 Reset button		Speaker
6 Power On/Off button		Mount hole (1/4")

LED & Button instructions

C10	tuo LED	
	tus LED	
1	_	The device is powered on and
	goes out	connecting to the network.
2	Blue light + red light is always on	The camera is being previewed
		remotely.
3	Blue light is always on	The device is connected to the
		network or awakened.
4	Blue light flashes continuously	Upgrading
5	Blue light flashes continuously	Charging
	and slowly	
6	Red light flashes 3 times quickly	Power off
7	Red light is always on	Low battery
8	The light is always off	In standby
Cha	arging LED (next to MicroUSB)	
1	Red LED	Camera is charging
2	Green LED	Camera is fully charged
2	Green LED	Camera is fully charged

Button operation		
1	Press and hold the on/off button for 2seconds	Turn on
2	Press and hold the on/off button for 2seconds	Power off
3	Press and hold the reset button for 3seconds	Reset

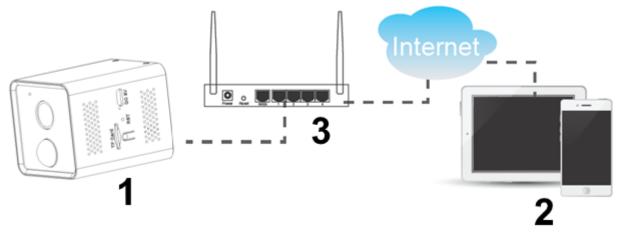
Connection methods

The camera supports 3 connecting modes or application scenarios. Following table shows the devices that are needed for the corresponding connection.

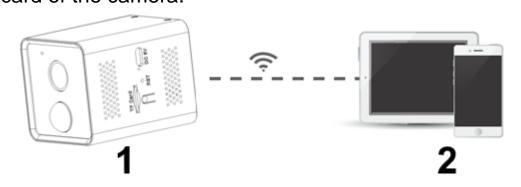
1	Camera TX-190	4	TX-128 monitor (NVR)
2	Mobile device	Internet	Internet
3	WiFi router		

1. Remote view by connecting to the router:

For remote view by connecting to the router, the camera's WiFi is connected to the router and the video is stored on the MicroSD card of the camera.

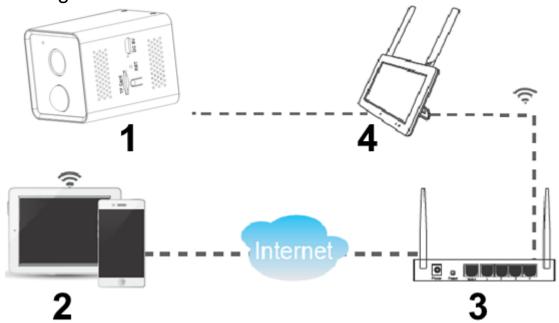


2. Direct connection via WiFi with mobile device (AP mode): When using in the local direct connecting mode, the WiFi of your mobile device should be connected to the camera and the video is stored on the MicroSD card of the camera.



3. Pair to TX-128 monitor (NVR) as additional camera:

When working by pairing to the NVR, the video is stored on the NVRs MicroSD card. You can use your mobile device remotely to view the camera through the wireless NVR.



General information Charging

During use, if it is found that the APP pushes low battery message or the camera has a low battery warning indicator, you need to charge the camera.

Note: First charging takes about 8h. For further information refer to the table under chapter "Battery life".

1. Connect the power supply to the camera charging port (4), using the included USB charging cable.

2. Put the USB power adapter* (*not included) DC5V/1A into a power outlet.

3. During charging, the Status LED (2) is flashing blue slowly. The charging LED next to the MicroUSB port is continuous red. When the battery is fully charged the charging LED next to the MicroUSB port is continuous green.

Battery life

Testing Conditions: 5 times wake-up during daytime and 5 times wake-up during night time, average wake-up period 10seconds.

Note: Due to different conditions of use the figures provided are approximations only and you may achieve longer or shorter battery life according to your own method of usage.

The related parameters are approximately estimated as below.

Working Time	
Battery capacity (mAh)	3200
Standby time (sleep mode) (Days)	30
Standby time (wake-up mode***) (Days)	15
Continuous working time during the day (Hours) 8	
Continuous working time during the night (Hours) 6	
Charging Time	
Full charging time (Hours) 5-7	

^{***} with trigger or access camera via App, for example, 10times each day

Working mode

It is possible to use the camera in battery mode or using the USB power cable for power supply.

MicroSD card

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.

IR LED

The device activates the infrared light automatically as soon as low illumination prevails.

RESET Button

Using e.g. a paper clip to press and hold the reset button for 3 seconds to reset the device.

Quick operation guideFor STANDALONE USE

In this mode TX-190 camera can <u>only</u> be configured by iOS or Android APP!

Preparation

- 1. The camera should be fully charged. If not done yet, charge the camera.
- 2. Insert a MicroSD card* into the MicroSD card slot for saving recordings (*not included).

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

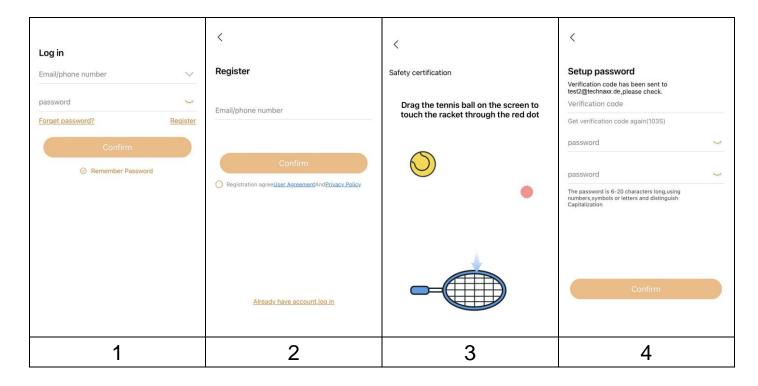
Get App and add camera

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

[iOS 13.0 or above; Android 10.0 or above (06-2022)]



- → 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 dot 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.



→Turn ON the camera by pressing the ON/OFF button for about 2 seconds. The red status LED is flashing fast. The prompt voice tells you that "Start configuration mode".

- → After login to the App press the plus + symbol on the top right corner.
- → Select the type of camera for TX-190 it is **Add battery camera**.
- → For the WiFi configuration of the TX-190 follow the shown steps in the App.

Note: If you want to use the camera via WiFi network remotely, select **Remote View**; If there is no network and you want to use the camera at a near range, select **Direct Connection**.

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

Use as ADDITIONAL CAMERA for TX-128 Set

The first camera has been matched with monitor in the factory already. The image shows up when the kit is powered on. If users need to pair the camera again or add an additional camera, operate as below:

Step one: Power on the monitor and camera.

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

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

Tips:

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

camera needs a reset to perform the pairing mode.

- 2) If the camera does not pair with the monitor, click "Match Code" again to try again.
- 3) If you need to replace a new camera, please click "X" on the monitor to delete the channel and then click on match code.

Note:

- Do not insert a MicroSD card into the camera when paired with TX-128 monitor.
- When using the camera with TX-128, you are not able to make settings like for standalone mode via App.



Signal reception

After setup, the camera uses the WiFi network to send notifications to your Security Premium account and to provide you with live view and video playback. Files are saved local on the inserted MicroSD card.

For best results, we recommend placing your camera in a location where the Security Premium App displays at least three bars of WiFi network signal strength in the life view. If your camera is in an area with consistently low signal strength (two bars or less), you might experience these problems:

- You are sometimes unable to view your camera live, or the video stream fluctuates.
- You are sometimes unable to watch recorded videos right away.
- Notifications are sometimes delayed.
- Your battery depletes more quickly than usual because your camera spends so much time attempting to reconnect to the network.

Mounting

PIR sensor (motion detection) is sensitive to hot and cold disturbances, note:

1. Avoid installing the camera where the air flow is agitated.

For example: the air outlet of the air conditioner, the heat dissipation port of the equipment, the side of the fan, the vicinity of the curtain, etc.

2. Do not install the camera facing the lens in front of window, glass or mirror.

Alignment

Camera

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 100° viewing angle. 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 your Security Premium smartphone App to make near-real-time adjustments to the camera's position.

Tripod

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.

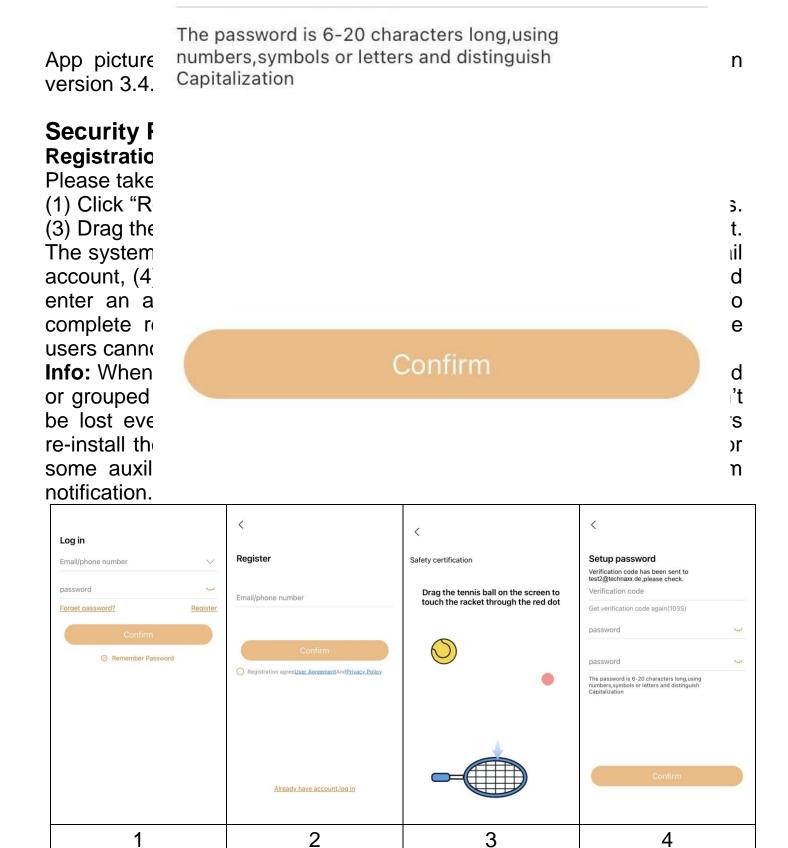
The camera has a threaded socket on the back for a 1/4 inch tripod thread, which you will find on almost all commercially available camera tripods. This allows you to mount the camera on a variety of tripods or wall mounts available in the trade.

Magnet Base

The magnet base is able to be used in two ways.

1. Remove the protection of the base sticker and stick the base to an object you want the camera to mount to. The object needs a smooth

- surface to have optimal contact to have a tight fit. The magnet in the base is mounted to the bottom of the camera.
- 2. Remove the protection of the base sticker and stick it to the bottom of the camera (at the rear end for optimal weight distribution). Use the metal plate, remove the protection sticker and stick it to an object you want the camera to mount to. The object needs a smooth surface to have optimal contact to have a tight fit. The magnet in the base is mounted to the metal plate.



Forget Password

Register

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

Safety

certification

Enter Email

and

verification

Enter

code

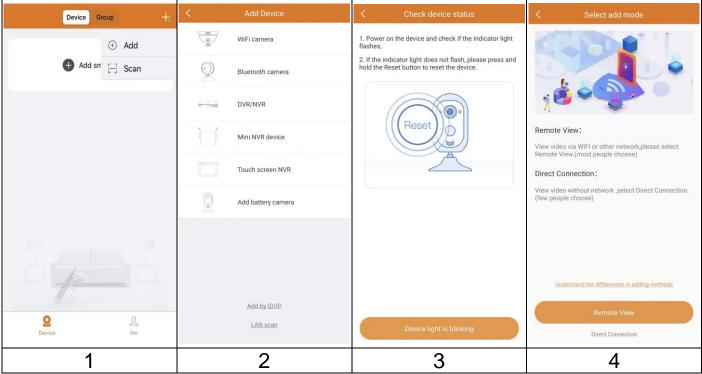
password

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

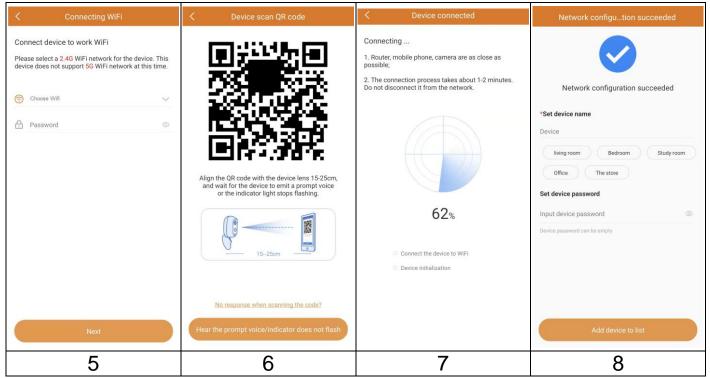
How to add a device Add Device

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

iOS and Android:



- (1) Click "+" on top right corner and click on "Add"
- (2) Select the type of camera for TX-190 it is "Add battery camera".
- (3) Check if the Status LED is flashing red fast. If yes confirm that the device light is blinking. If not reset the camera.
- (4) Choose between **Remote View** and **Direct connection**. If you want to use the camera via WiFi network remotely, select Remote View; If there is no network and you want to use the camera at a near range, select Direct Connection.

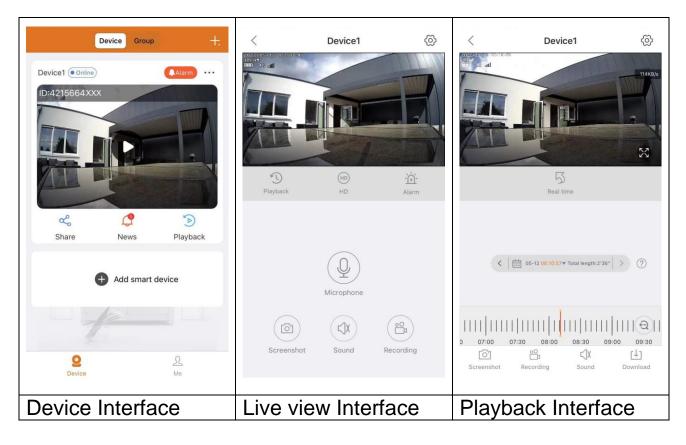


- (5) Choose the WiFi network you want the camera to connect to.
- (6) Take the camera and let it scan the QR-Code on the display of your Smartphone.
- (7) Camera is now getting configured.
- (8) Change the device name to your needs, e.g. garden. Press on add device to list.

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, device settings, show manually taken Screenshot/Recordings, Edit or Delete the camera. Under the camera image you can find Share, News (Push) and Playback.



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.

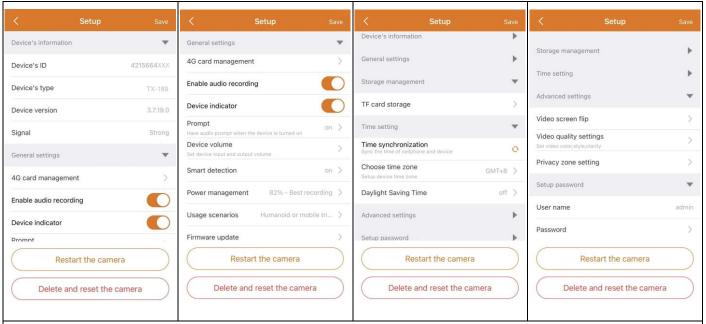
Button function list for Live view and Playback

<u> Dutton tun</u>	ction list for i	Live view and Playback
(Device Setup	Click top right corner to setup camera
	Battery status	Shows the battery status as follows: 4 bars = 75-100% 3 bars = 50-75% 2 bars = 25-50% 1 bar = 1-25% A flash next to the battery status shows that the device is charging.
all	Reception	Shows the reception of the cellular network. 2 bars and lower can cause problems for live view, playback and settings. 3 bars and more should cause a stable connection.
67KB/s	Connection	Shows the transmission speed of the data
23	Full screen	Enlarge the image
5	Playback	Playback videos stored on the MicroSD card
5	Return	Return to live view.
(SD) (HD)	Resolution	Users choose the Resolution according to their needs. Note: HD = higher data consumption!
	Alarm	Enable the alarm sound on the camera manually. It will last for max. 15s or until you stop it manually.
Q	Light control	Choose between infrared (black& white), full color (color) or intelligent. Intelligent is standards and changes automatically between black&white and color mode.

	Microphone	Click on it to start the two way communication. (Press and hold the microphone symbol.) To stop, click on cancel.
	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.
\Box X	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 Me and click on Screenshot/Recording to view the taken recordings.
5	Real time	Click to return to the live view
	Calendar	Choose the date you want to see the playback
Ð	Zoom	Click it to zoom in and out on the timeline

Device Setup

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



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

Device Informa	tion	
Device ID	The ID number of the device. This item cannot be filled in. Device ID will be automatically configured according to device type.	
Device type	Shows the product number.	
Device version	Current installed firmware version	
Signal	Signal strength of the cellular network (Strong, middle, weak)	
General setting	S	
Device's WiFi	Change the WiFi of the device connection.	
Enable audio	Enable/Disable the microphone for video recordings or	
recording	two-way-talk.	
Device indicator	Enable/Disable the status LED	
Prompt	 Enable/Disable the prompt tone of the device. Change the language according to user's needs. Voice Prompt is mainly used for status information for the user. 	
Device volume	Set the volume for device play sound and alarm volume	
Smart detection	- Smart detection: 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 bind push service	

	and receive alarm push.
	- Humanoid detection alarm: Enable/disable the
	detection option. When a humanoid is detected, an alarm
	message (Push) is generated.
	- Detection sensitivity: Set the sensitivity of humanoid
	detection.
	- 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 8m
	- Smart detection recording: Enable/disable detection
	of a moving object in the image, the camera will record
	the video and save it to MicroSD card.
	- Smart detection of recording duration: Set the time
	how long a video recording last. Choose 10s, 20s or 30s
	- Alarm message push / Push notification:
	Enable/disable this function to get push notifications from
	the camera with every detected humanoid or motion.
	- Alarm prompt tone: 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.
	- Best power saving: Record 10s video when a moving
	object is detected.
	- Best recording: When a moving object is detected,
Power	continue recording until the end of the movement.
management	- Keep recording: The device keeps recording
management	continuously and automatically switches to the best
	recording, when the power drops below 50% and
	resumes recording when the power rises above 80%
	again.
Usage	Choose the usage scenario.
scenarios	Onoose the dadge sechano.
	Click and check if there is new software version. If there
Firmware	is, click and update directly to achieve OTA upgrade of
update	the device. If the version is already the newest, there will
	be a prompt.
Storage manag	ement / device storage
TF card storage	Below options are listed under Device Storage.
Li Gara Glorage	- IF card status: Show the status of Microso card
	23

	T
	 (normal or abnormal). If the status is abnormal Format the MicroSD card. This takes about 3-5minutes. Remaining 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 can be necessary to format via the App! It could be necessary to format until the App shows MicroSD status: Normal.
Time setting	
Time synchronization	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.
Advanced setti	ngs
Video screen flip	- Flip up and down: Enable/disable to change alignment - Flip left and right: Enable/disable to change alignment
Video quality settings	Change the pattern of the IR LED to auto, White light (IR off) or night time (IR on). If you use White light or night time the IR light will be always off/on. With auto it changes automatically if IR LED is needed or not.
Privacy zone setting	Black out areas of the camera image that should not be seen on the recording or in the live view.
Setup passwore	d
User name	Admin is a fixed username, cannot be changed.
Password	Click on password to change the old password to a new one.
Further settings	S
Restart the camera	Click to restart the camera.
Delete and	Click to reset the camera and delete the camera from
reset the	your account.

Playback

Click the button of remote playback in the live view.

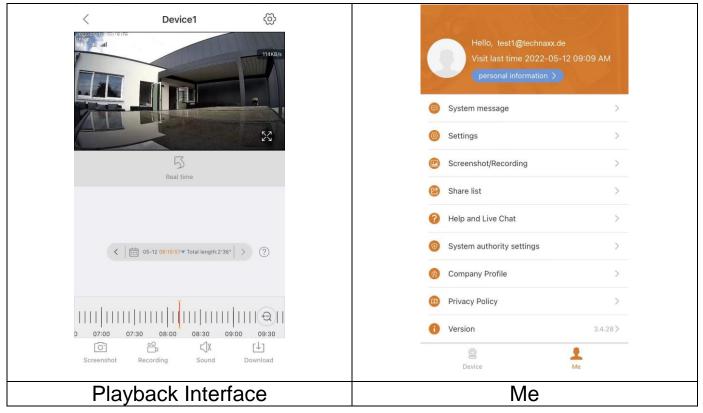
Precondition of camera remote playback:

- → 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.

 \rightarrow Choose the time by swiping the timeline left and right. \rightarrow The red cursor marks the start time of playback. \rightarrow Two fingers touch the timeline & move outward to narrow the time scale. \rightarrow Two fingers touch the timeline and move inward to enlarge the time scale. \rightarrow Press play in the middle of the shown image to start the playback

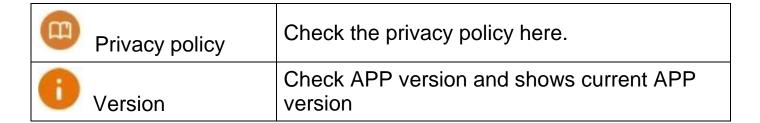
In the timeline you can find the color RED. RED marks the recordings of motion detection.

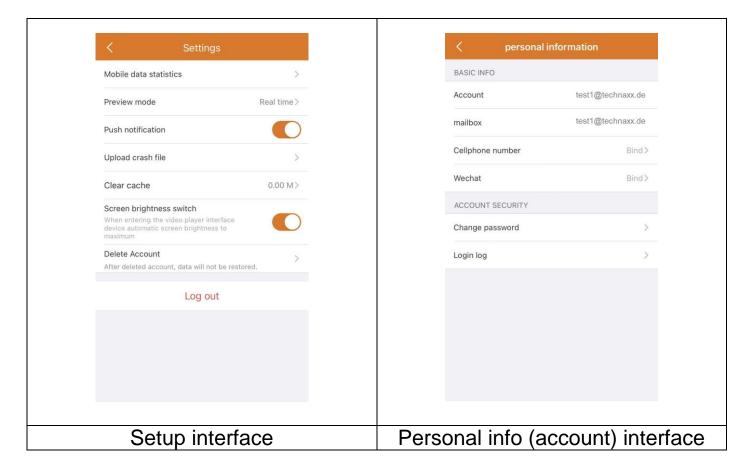


Me (personal area)

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

personal information >	Add email address, cellphone number or WeChat account to bind and be able to login with. Change the password of your account. Check your login log. Like shown in the picture below.
System message	Personal push and announcement news. Here are system messages shown that will concern you personally or concern the whole system.
Settings (order differs on iOS and Android)	 → Enable/disable hard decoding (Android only) → See the statistics of how much mobile traffic you have used. → Select the preview mode between real time or fluency. → Enable/disable Push notification → 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 / Recording	Check screenshot / recording files See downloaded files here as well
Share list	Devices that you share with other users are listed here.
Help	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





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-190
- → 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.

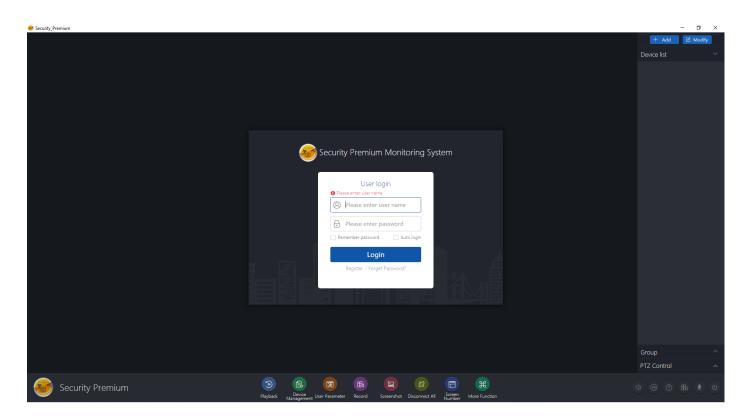
Important: Maybe windows firewall pop up will show up. Select private or public network depending on your home network. If you are not sure choose both. Click on Allow access before going on with the Setup guide.

Login and add device

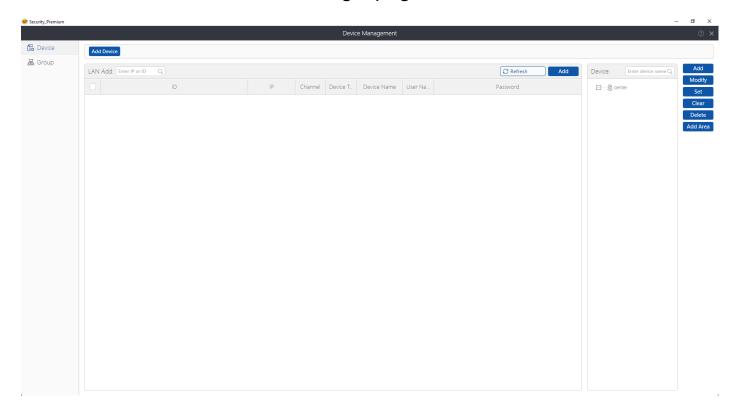
- → The PC Software starts automatically. A login window will show up. Just click on Login to use Local login.
- $\rightarrow \rightarrow$ If you want to login with your registered App account (Cloud login) enter the email address (phone number) and the password, that you created for registration via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



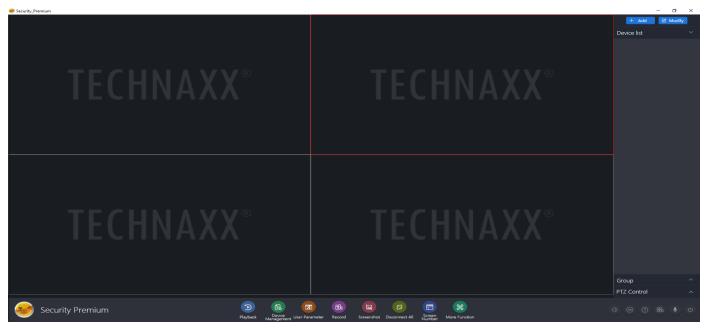
Login page



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.



Camera pairing with TX-128

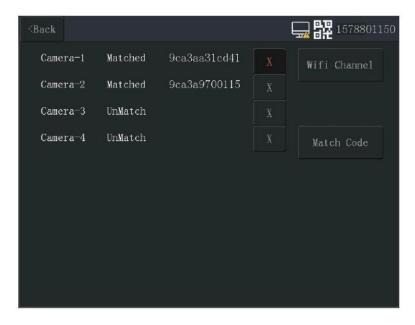
Do not enter a MicroSD card into the camera when you bind the device with a TX-128! It causes problems.

After connecting the camera with the NVR you are not able to set any of the options your are able to use in standalone mode! Note:

- (1) Place the battery camera and the wireless TX-128 monitor within 30-100 cm distance.
- (2) Press and hold the RESET button for at least 3 seconds.
- (3) When the indicator light of battery camera become to red light and fast flashing, that means enter the code matching mode.
- (4) Connect to Wireless NVR
- → Click the screen, click the "home" icon, and click the [Match Code] module.



→ Click the "Match Code" button. After the adding is successful, click the "Stop" button. Otherwise, repeat steps 2 and 3.



Troubleshooting

Iroubleshooting						
Problem	Solution					
The camera	-The PIR/motion sensitivity is set too high:					
takes photos /	•					
videos without	App.					
any target	-Hot air:					
objects in them	The camera is triggered by detecting the movement of					
(false triggers)	heat sources, so avoid mounting the camera near any equipment that emits hot air.					
	-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.					
	<u>Unstable mounting:</u>					
	If the camera's mounting is not stable, then it may					
	move and mistake this for the movement of objects					
	its field of view. When mounting the camera check that it is completely stable and avoid mounting it or					
	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.					
The camera is	-Camera is not in turned ON:					
	First ensure that the camera is turned on by pressing					
any videos	the On/Off button for 2seconds.					
arry viacos	-Batteries have insufficient power:					
	Check the battery power bar directly on the APP. If the					
	battery power is very low, recharge the battery.					
	-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:					
	-MicroSD card is corrupted:					

	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	-"Night Mode" is not set correctly:
range is limited	First ensure that "Night Mode" is set to "Automatic".
range is infliced	
	-Batteries have insufficient power:
	Check the battery power bar directly on the APP. If the
	battery power is very low, recharge the battery.
	-Nearby light source:
	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.
	-Target area is too open:
	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.
No preview	The server may be congested, try restarting the app.
No push	Make sure the app has notification permissions.
notification	Confirm that the alarm message push switch is turned
Trouniou aron	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). Charle whather the MicroSD cord status is normal in
	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. Note that the camera cannot support connection to a 5GHz network. Check that the router name and password are correct. Check the Internet settings of the NVR (TX-128 monitor).
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. Check the connection between the NVR (TX-128 monitor) and the router and the connection between the camera and the NVR. If you change the router or change the WiFi password, you may need to reconfigure the NVR's network. Check if the camera battery is exhausted, you can try to plug in the power and try again.

FAQs

Q1: Why does the battery run out quickly?

A1.1: The App will count the daily recording time when playback video. Check if there are more videos every day. If there are many false triggers, try to lower the trigger sensitivity setting.

A1.2: Check if the WiFi signal between the camera and the wireless NVR or router is weak. You can try to adjust the position of the wireless NVR, router or camera to improve the signal transmission.

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: How to confirm that the network connection between the camera and the router or wireless NVR is normal?

A5: Actively trigger PIR in front of the camera and wait for about 10s. If the camera flashes red, it means that the camera cannot connect to the router or wireless NVR smoothly. If it is connected to a wireless NVR, you can click play from the corresponding channel of the NVR (TX-128 monitor). If the video can be played, the connection is normal; Whether the indicator of the corresponding channel on the router/NVR is always on. The blinking of the indicator indicates that the router/NVR and the battery camera have been disconnected.

Q6: When do NVR (TX-128 monitor) and battery camera need to be paired?

A6: Matching code is to make the camera WiFi connect to the NVR automatically. You need to match code when a new battery camera needs to be added to the NVR; The battery camera needs to be code matched after being reset to factory settings;

The NVR needs to be code matched after being restored to the factory settings; After deleting the paired cameras on the NVR channel through the App, you need to match code again.

Technical Specifications

Image sensor	3MP 1/3" CMOS			
Lens	f=3.6mm, fixed focus			
Camera viewing angle	horizontal: 100°/ vertical: 62°			
Day & Night	IR-cut double filter automatic switching			
Minimum illumination	Color mode: 1 Lux;			
Williman illumination	Night mode: 0.01 Lux with 2x IR LED			
IR distance	~5m, 940nm			
Video resolution	HD (2304x1296), Smooth (640x360)			
Video frame rate	15fps			

Video file format		.TS			
Video compression		H.264/H.265	5		
Audio sou				B noise reduction microphone	
	mpression S			G711A/AAC-8K16bits	
Audio cor	mpression (COC	le stream	Streaming self-adaptive	
Speaker				8Ω 2W	
Network				2.4GHz 802.11b/g/n	
WiFi security				WPA2	
WiFi distance				Max 15m	
Radiated	output pow	er	max.	100mW	
Storage	Supports MicroSD(HC/XC) cards up to 128GB (FAT32/exFAT) (class10)				
File size	Night; B/W: 5-6MB/min (32GB = 3 days continuous ¹ recording) Day; colour: 6-7MB/min (32GB = 3 days continuous ¹				
DID Motio	recording)		Distance	Om (onen enece) / Angle: 120°	
	on detection	1	Distance: ~8m (open space) / Angle: 120°		
PIR trigge			0.2s		
Power consumption		Normal mode ≤ 2W / Sleep mode ≤ 0.1W			
External charger		DC port: 5V / 1A (not included)			
Battery		Built in Lithium polymer battery 3.7V, 3200mAh			
Working time		Up to 15days (or up to 7h of continuous ¹ recording - mixed day & night) depending on the usage and motion triggers			
Standby time		Up to 30days (no usage, no triggers)			
Charging time		Up to 5-7h (using a USB Power adapter with DC5V/1A)			
Working (condition	-1	0 - 50°C; ŔH	Less than 95% (No condensation)	
App "Security Premium"		iOS 13.0 or above; Android 10.0 or above / EN, DE, FR, ES, IT, NL, SE, DK, NO, FI, CZ, PO (06-2022)			
Weight / Dimension		120g / (L) 6.6 x (W) 4.8 x (H) 4.8cm			
Package contents		Mini WiFi IP Camera TX-190, 1x USB power cable (1m), 3x Screws & Dowels, Tripod, User Manual (short)			
continuous the peopled storage was related by sortioners					

¹continuous = 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

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



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.





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Made in China

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Mini WiFi IP Camera TX-190

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