

Security Camera Set 7" Touch Screen TX-128

Introduction

The manufacturer Technaxx Deutschland GmbH & Co.KG hereby declares that this device, to which this user manual belongs, complies with the essential requirements of the standards referred to the Directive **RED 2014/53/EU**. The

Declaration of Conformity you find here: www.technaxx.de/ (in bar at the bottom "Konformitätserklärung"). Before using the device the first time, read the user manual carefully.

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

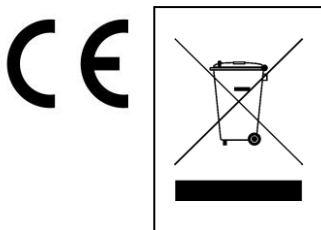
The support hotline is available Mon-Fri from 9 am to 1 pm & 2 pm to 5 pm

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.

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.

Warranty 2 years

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



Hints for Environment Protection: Packages materials are raw materials and can be recycled. Do not disposal old devices or batteries into the domestic waste. **Cleaning:** Protect the device from contamination and pollution (use a clean drapery). Avoid using rough, coarse-grained materials or solvents/aggressive cleaner. Wipe the cleaned device accurately. **Distributor:** Technaxx Deutschland GmbH & Co.KG, Kruppstr. 105, 60388 Frankfurt a.M., Germany

Contents

Introduction.....	1
1. Features	3
2. Product overview	3
2.1 Monitor 7” touch.....	4
2.2 Outdoor camera (TX-145).....	5
3. Quick operation guide.....	6
3.1 Start up the TX-128 Set.....	6
3.2 How to connect the TX-128 Set with Security Premium App.....	7
3.3 Adding an additional camera to the TX-128 Set.....	8
4. How to operate the monitor.....	9
4.1 First steps	9
4.2 Main Menu.....	10
5. How to start (Login/Registration).....	16
5.1 Local mode & Users mode.....	16
5.2 Registration	16
5.3 Forget Password.....	17
6. How to add a device	18
6.1 Add Device (Easy)	18
6.2 Add Device by Device ID (Cloud ID)	19
6.3 Adding device from the same network	20
6.4 IP/DDNS adding	21
7. How to navigate through the App.....	23
7.1 My device	23
7.1.1 Live view	23
7.1.2 Playback	27
7.2 My center (personal area).....	28
8. How to use PC Software Windows (& MAC).....	30
8.1 Installation	30
8.2 Login and add device.....	31
8.3 Open live view	32
8.4 Playback recordings	33
9. FAQs	34
10. Important additional Information.....	35
10.1 Expand wireless coverage	35
10.2 Position the Antenna Correctly.....	35
11. Technical Specifications	37

1. 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

2. Product overview

IR LED:

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

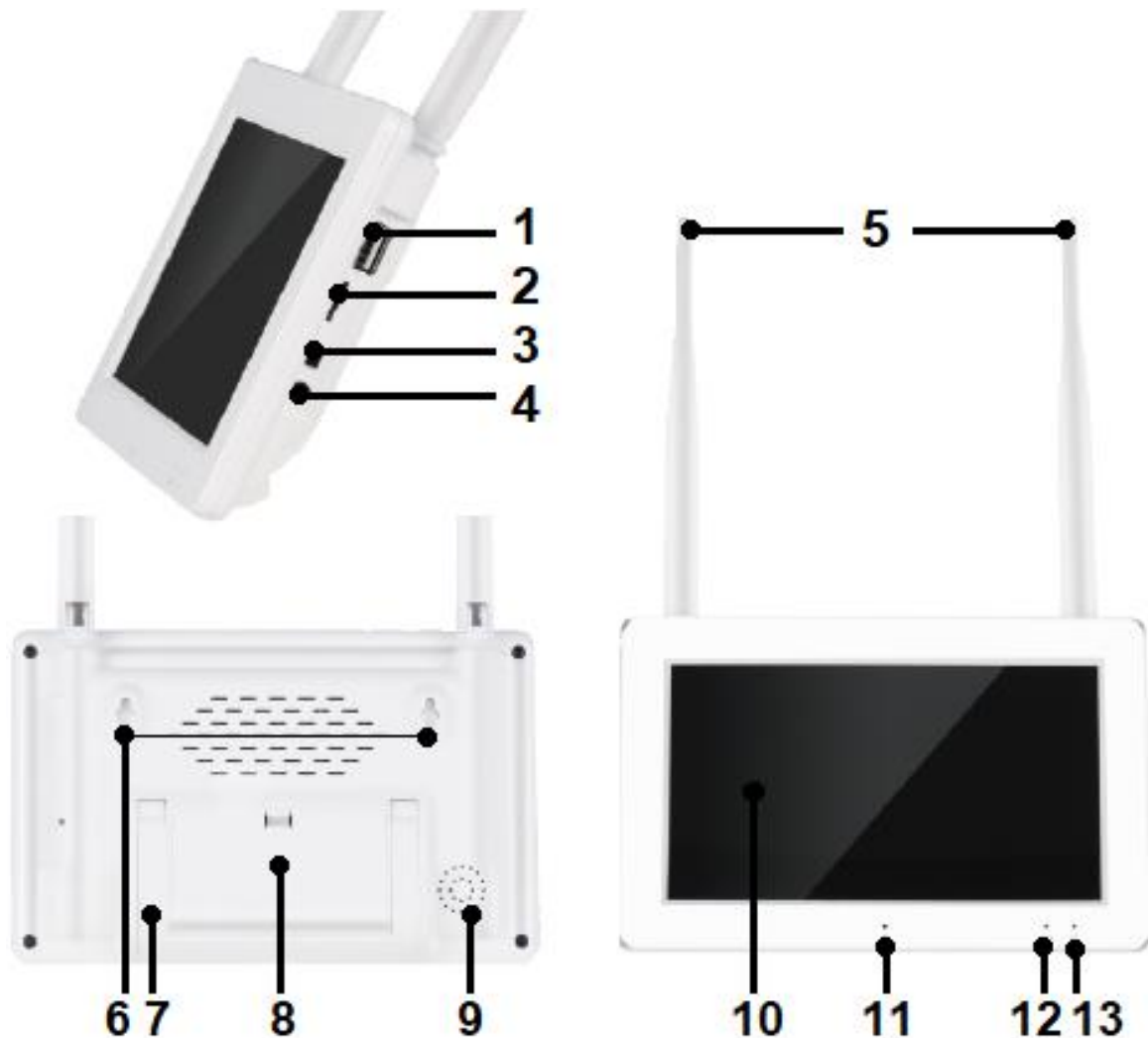
MicroSD card slot:

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.

2.1 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)

2.2 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		

3. Quick operation guide

3.1 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.

3.2 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 9.0 or above; Android 7.0 or above (06-2020)]

		
APP icon	iOS	Android

- Open the Security Premium App on your device.
 - Register for user mode your data will be saved and can be restored. For testing the App you can simply press App testing.
 - After opening and logging in to the App press the plus + symbol on the top right corner and choose Add device
 - Select the type of camera. For TX-128 it is **Touch screen NVR**.
 - The app is now searching your home network for devices.
 - Click on the shown number to add the device.
 - The App might asks you to change the password. It is recommended to do it because of safety.
 - Customize the device name by clicking on “Device1”.
 - When you are ready press done, in the top right corner.
- The TX-128 Set now should be shown as online in the App.

Note: For Android phone users, in order to facilitate the configuration, App will obtain the WiFi information surrounding. So the Smartphone will ask whether to allow the application to obtain relevant permission. Click “Allow”.

3.3 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.

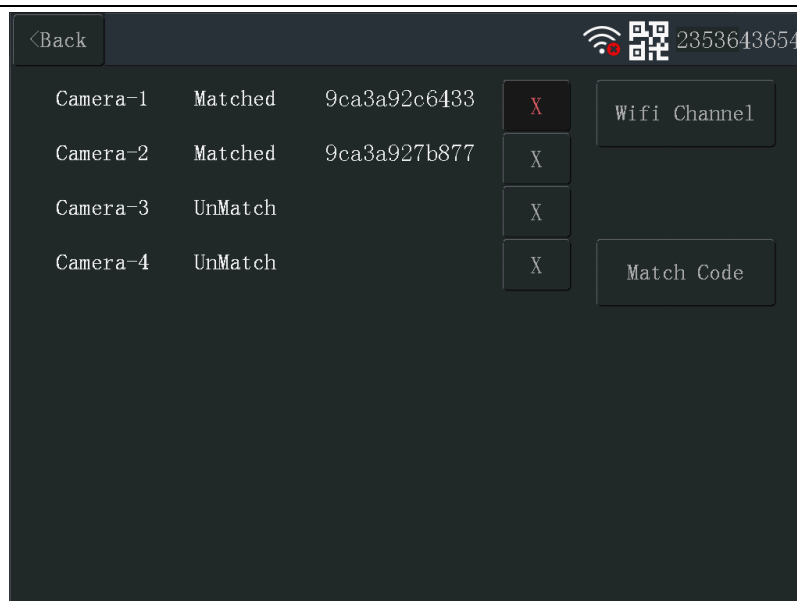
→ Click the button Match Code to start the pairing.

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.

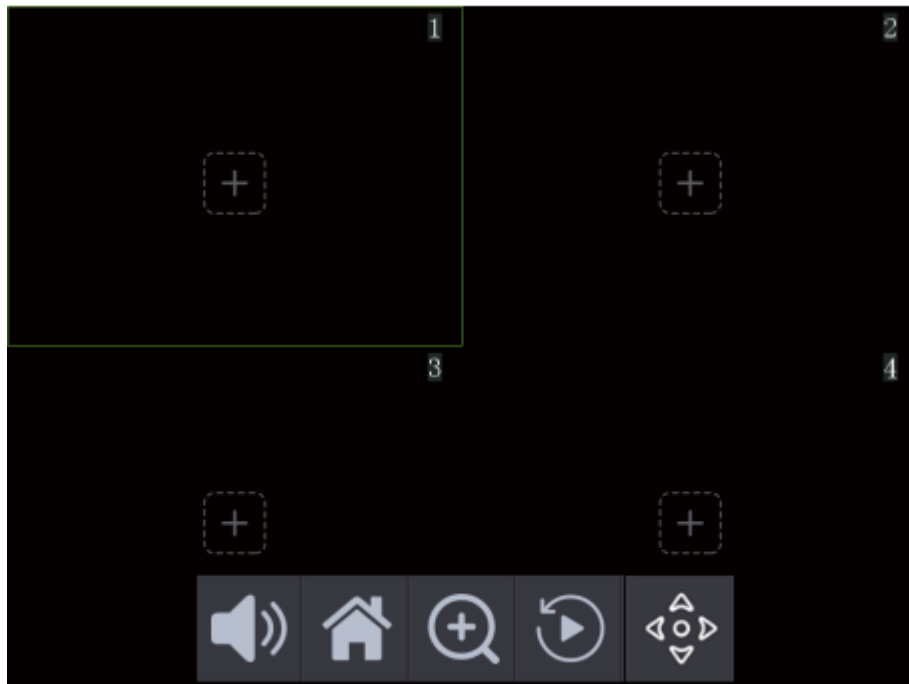


4. How to operate the monitor






4.1 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)

4.2 Main Menu

The Main menu shows all the possible settings.




<p>Video Playback</p>	<p>Here you can playback the recordings triggered by motion detection.</p> <p>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>

Video Playback		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.
		To delete the video press on the dustbin and confirm with Yes. The video is irretrievably deleted.
		Press on the USB-Disk symbol to save the video file to plugged in USB-Disk (max. 32GB, FAT32)
		< > Press Previous / Next to change the played video > Press to Play / Pause video
		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	→ Sync time: Enable for automatically time change. If you want to set the time manually disable. → Server: Choose the server the time should be synchronized with. → Time zone: Choose the correct time zone you live in. → Date format: Choose between YYYY/MM/DD, MM/DD/YYYY or DD/MM/YYYY
	● Wireless internet 	→ WLAN: Enable to connect to your WiFi Router and have the possibility to check the live video outside your home via Security Premium App. → Shows the connected WiFi Router

System Setup		<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>
	<ul style="list-style-type: none"> ● 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 transmission and prevents interferences with other WiFi transmission channels, like your WiFi router.</p>
	<ul style="list-style-type: none"> ● Camera Audio Enable 	<p>Enable/Disable the camera audio for each channel separately</p>
	<ul style="list-style-type: none"> ● Volume Setup 	<p>Set the volume 0-4 for the monitor speaker</p>
	<ul style="list-style-type: none"> ● Auto close 	<p>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.</p>
	<ul style="list-style-type: none"> ● Auto Switch 	<p>Enable/disable the function to switch automatically between the cameras. Set the seconds the camera should switch (10s, 20s, 30s).</p>

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	<p>Here you remove/add cameras that are or are not connected to the monitor.</p> <p>By clicking on WiFi channel you can change the WiFi channel.</p> <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	<ul style="list-style-type: none"> ● Alarm volume setup 	Set the volume of the alarm sound that occurs on the monitor when a motion is detected.
	<ul style="list-style-type: none"> ● 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>
	<ul style="list-style-type: none"> ● 1-4 Channel 	<p>For each channel you can set:</p> <ul style="list-style-type: none"> → Motion: Enable/disable to get recordings while motion detection trigger. → App Alarm: Enable/disable to get Push notifications on the Security Premium App. → Sound alarm: Enable/disable the alarm sound of the speaker from the monitor. → Sensitivity: Set the sensitivity (Lowest, Low, Medium, High, Highest) the motion detection is triggered. → 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. → 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.
System Manage	<ul style="list-style-type: none"> ● System Info  	<p>Shows the main information like device model, Cloud ID (device ID), network state, s/w version and built time.</p> <p>Clicking on More parameter shows Channel (CH1-4), WiFi camera ID, Firmware version and the signal strength of each camera.</p>

System Manage	● 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	<p>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.</p>
	● 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. 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 of chapter 5 and 6 are based on Security Premium for iOS and Android in version 3.3.6 and 3.3.7.

5. How to start (Login/Registration)

5.1 Local mode & Users mode

There are **Local mode** and **User mode** on the App. Users without a registered account can click “Local” and try this App.

→ Data in **Local mode** will be stored at local only and cannot be restored.

→ **User mode**: 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.

5.1 Register or Local	5.2 Enter Email	5.2 Enter verification code and password

5.2 Registration

Users without accounts have to take several seconds to register. Click “Register”, enter the email address, and bind the email address (system will send an email to this email address). Login to your email account, copy the verification code and enter a password to complete registration (follow this step, otherwise users cannot use forget password function).

5.3 Forget Password

If you forget the password and needs 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).

6. How to add a device

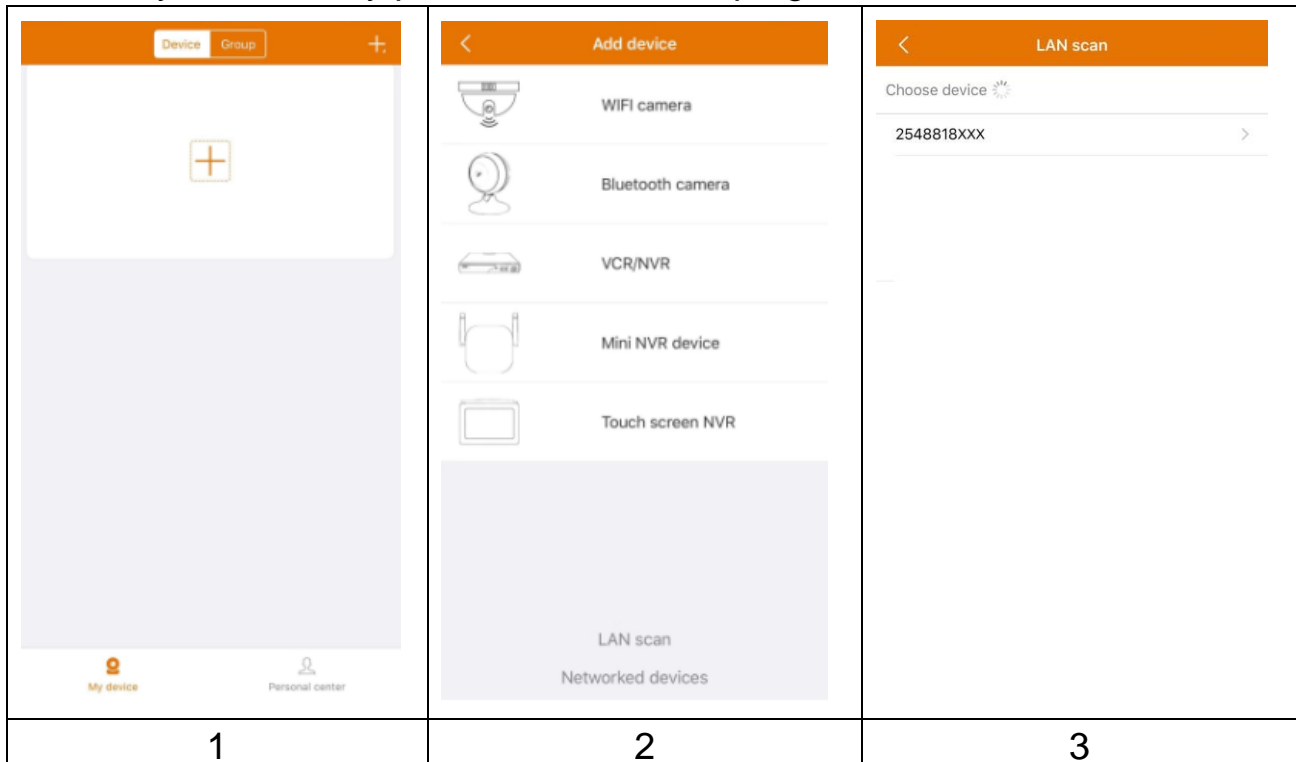
Login to the App if not already done and go to “My device” interface.

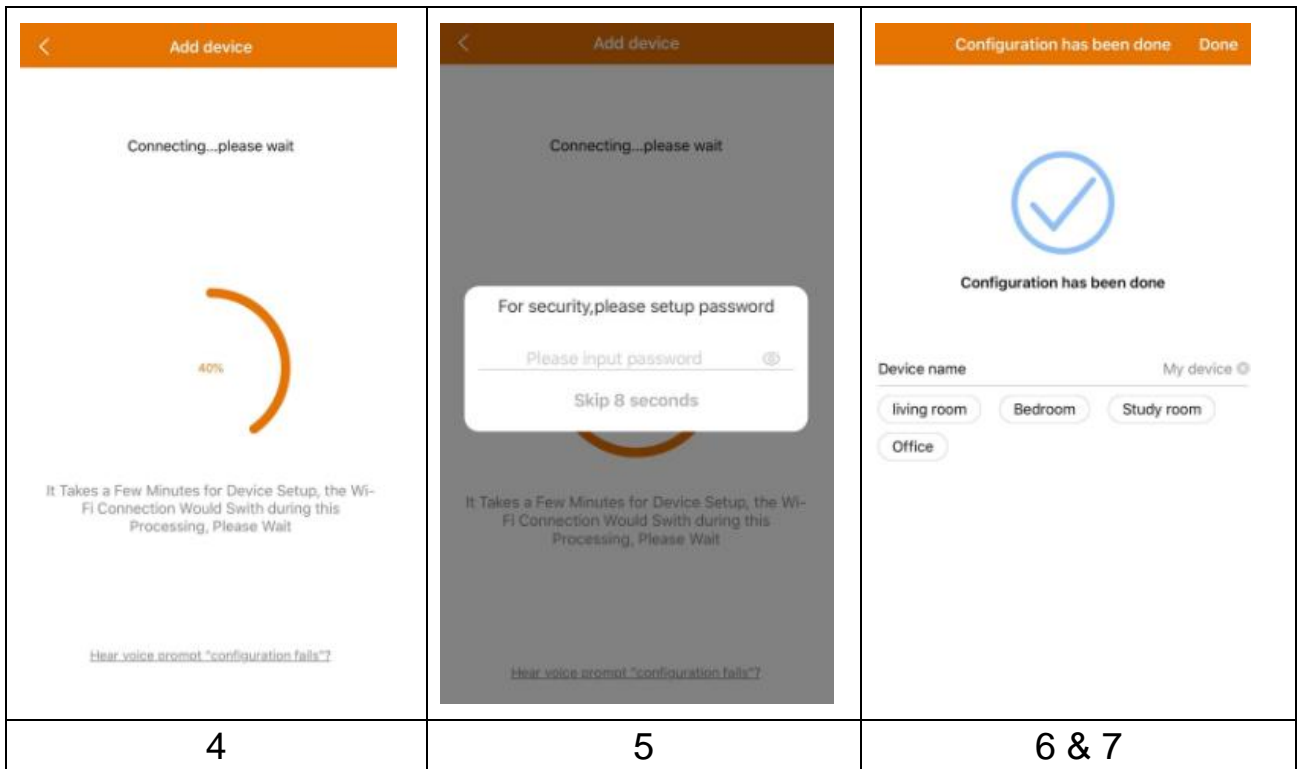
Note: Due to the limitation of iOS system, some functions on Android version cannot be reached on iOS version.

6.1 Add Device (Easy)

The WiFi configuration was already done via the monitor. The Smartphone you are using and the TX-128 monitor are in the same WiFi network.

1. After opening and logging in to the App press the plus + symbol on the top right corner and choose Add device
2. Select the type of camera. For TX-128 it is **Touch screen NVR**.
3. The app is now searching your home network for devices.
4. Click on the shown number to add the device.
5. The App might asks you to change the password. It is recommended to do it because of safety.
6. Customize the device name by clicking on “Device1”.
7. When you are ready press done, in the top right corner.







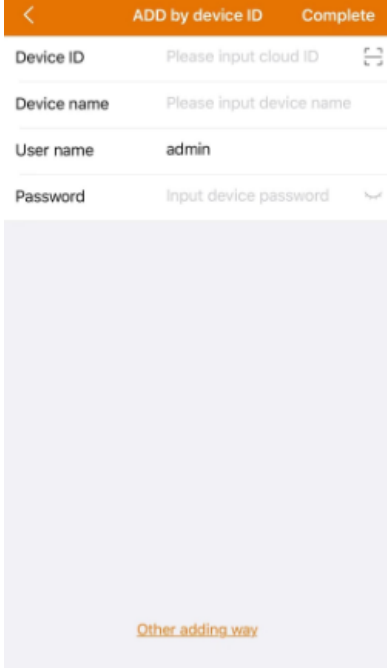

6.2 Add Device by Device ID (Cloud ID)

This mode is to add the device which is already configured and connected to a Wireless network. You just need to add it to Security Premium App. The WiFi configuration was already done via the monitor. After adding you are able to view the live view, etc. (see picture 6.2).

Note: Adding the device by Device ID can be done from everywhere when you know username and password. It also allows you to view the video from everywhere when you have an internet connection with your Smartphone.

Device ID adding: On the bottom of the TX-128 you will find a sticker with ID number (and bar code). This ID number is the Device ID. Users can add the device by entering ID manually (or  scanning the bar code).

Fill in the device name, username and password for the camera. The **password can be customized by you** on the monitor. The **standard username is admin** and **password is to leave empty**.

		
<p>6.2 & 6.3 Choose LAN scan or Networked devices.</p>	<p>6.2 Manually or with bar code scanning enter the Device ID. Fill in device name, username and password.</p>	<p>6.3 Choose the found Device ID, enter a device name, username and password.</p>

6.3 Adding device from the same network

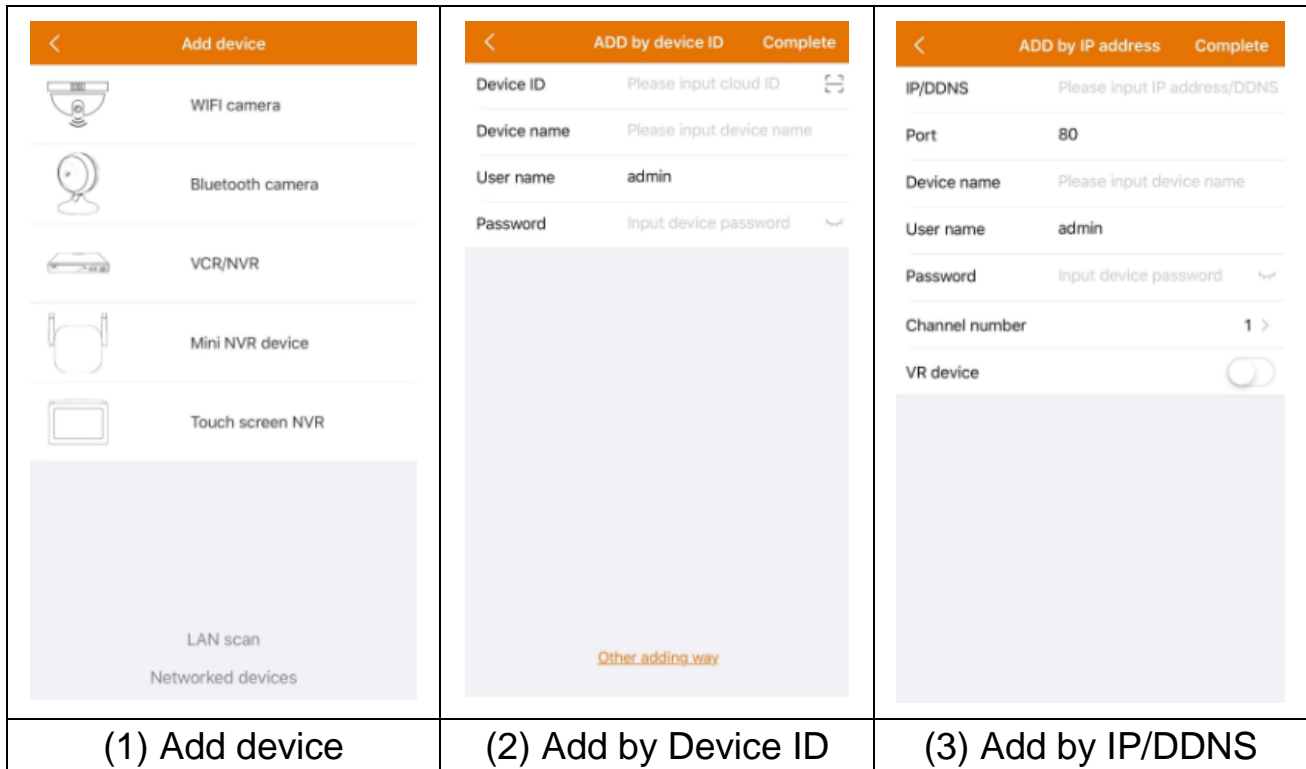
This mode is to add the device which is already configured and connected to a network, to the App and view the live video (see picture 6.3).

Note: Your Smartphone needs to be connected to the same local WiFi as the TX-128.

LAN/network scan adding: By clicking on LAN/network scan the App will search the local network for already configured cameras (TX-128). Choose the Device ID. Fill in the device name, username and password for the camera. The **password can be customized by you** on the monitor. The **standard username is admin** and **password is to leave empty**. Click on complete to save the settings.

6.4 IP/DDNS adding

By clicking on networked devices (1) the ADD by device ID will open. Here you can click on other adding way (2). Now it is possible to add the TX-128 by IP or DDNS (3).



Note: Adding the device by IP it is not possible to access the TX-128 from outside your local network (no connection via mobile network 3G/4G/LTE).

Adding by local device IP: You can find the IP address in the router menu or in the Security Premium PC Software. Fill in **port (standard is 80)** a device name, username and password for the camera. The **password can be customized by you** on the monitor. The **standard username is admin** and **password is to leave empty**. Click on complete to save the settings.

Note: Adding the device by DDNS it is possible to access the TX-128 from outside your local network (via mobile network 3G/4G/LTE).

Adding by DDNS: Enter your DDNS domain or the static IP of the router. You maybe need to set a port forwarding for the IP of the TX-128 in your WiFi router. There for check the manual of your router. Fill in the device name, username and password for the camera.

The **password can be customized by you** on the monitor. The **standard username is admin** and **password is to leave empty**. Click on complete to save the settings.

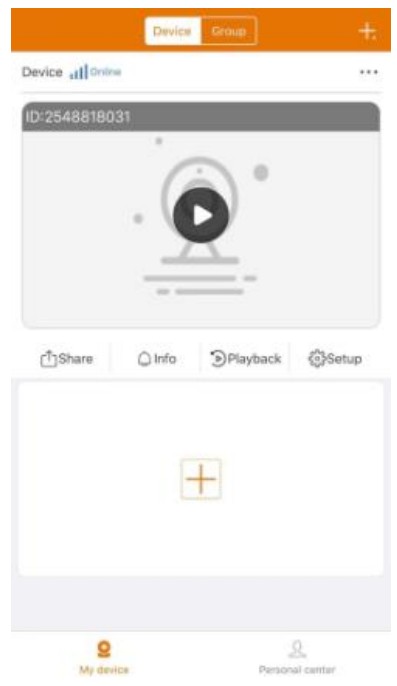
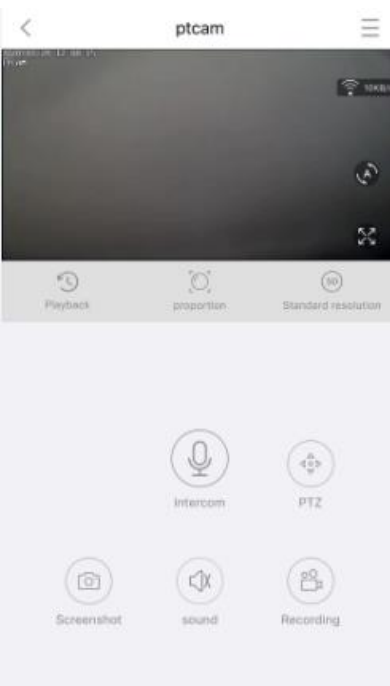
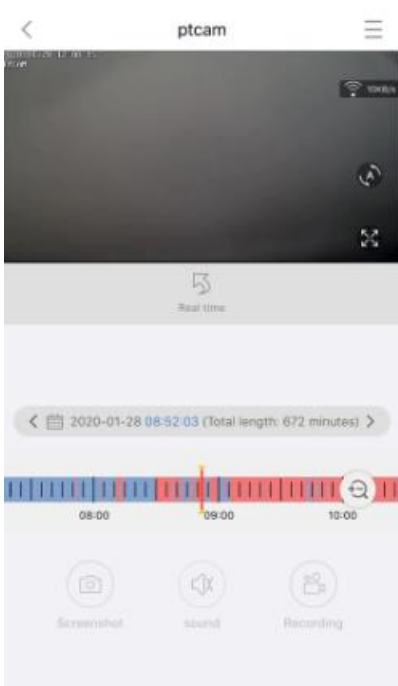
Note: Using DDNS function you need to:

→ Register to a third party provider (e.g. DynDNS, No-IP, etc.) that provides you a DDNS domain **OR** → your router has a static IP from your internet provider.

7. How to navigate through the App

7.1 My 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 Info (Push), Playback and Setup.

		
Device Interface	Live view Interface	Playback Interface













7.1.1 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.

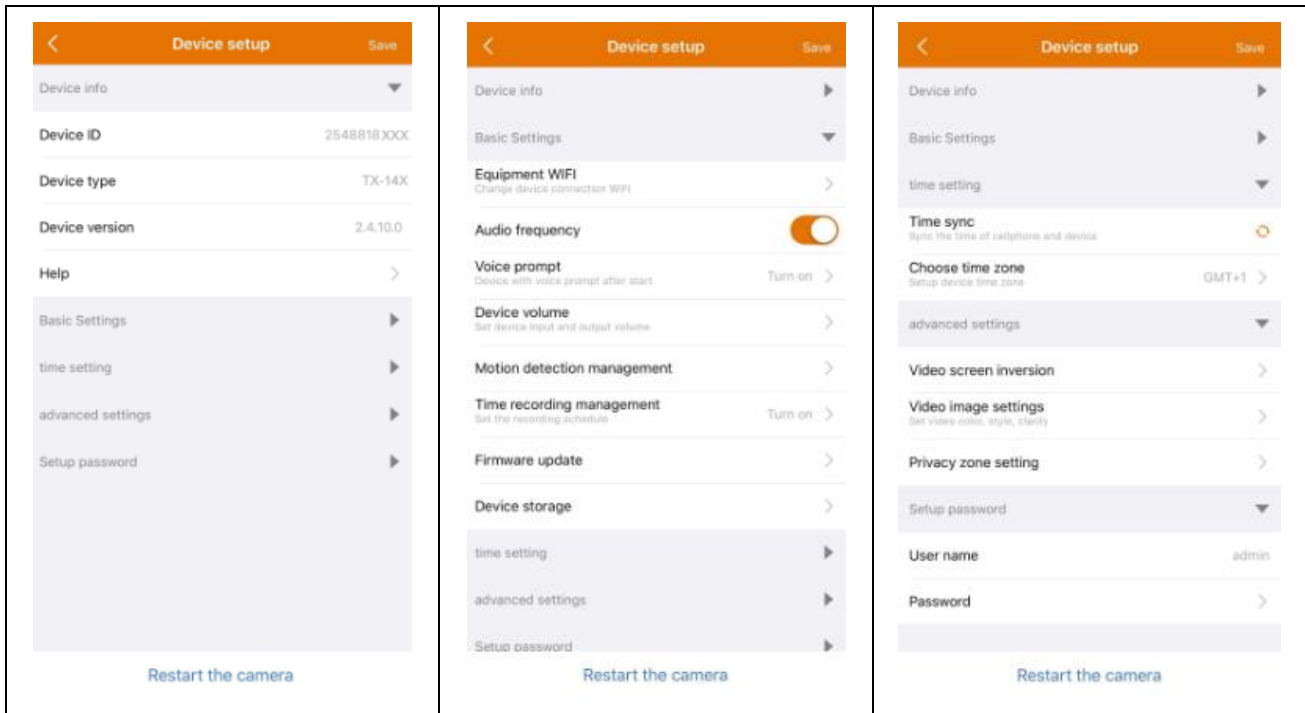
Button function list for Live view and Playback

	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

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 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	Below options are listed under Device Storage. - 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.

7.1.2 Playback



Click the button of remote playback  in the live view.

Precondition of TX-128 remote playback:

→ Make sure the camera time is already time synchronized with the App → Insert the suitable MicroSD card into the monitor. → Setup recording schedule and enable motion detection recording. None of these two conditions can be omitted. 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

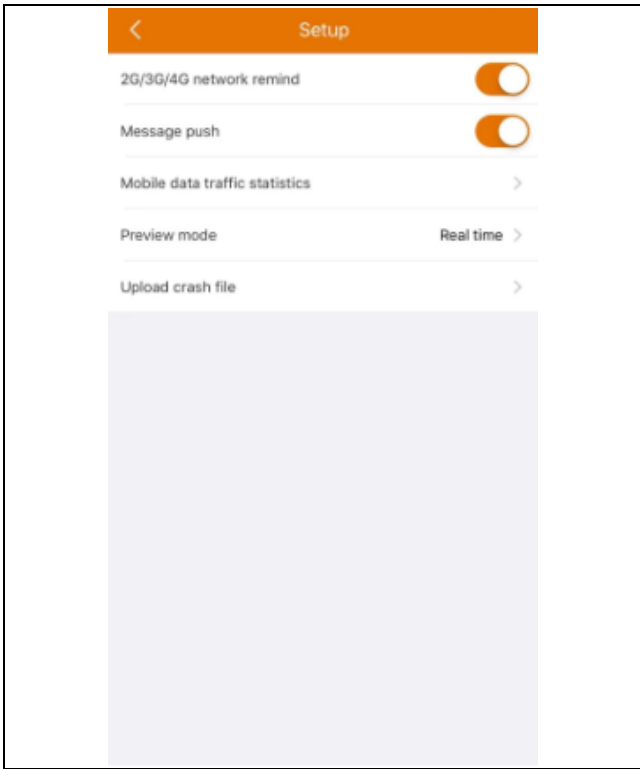
In the timeline you can find the colour RED. RED marks the recordings of motion detection.

	
7.1.2 Playback Interface	7.2 Personal center Interface

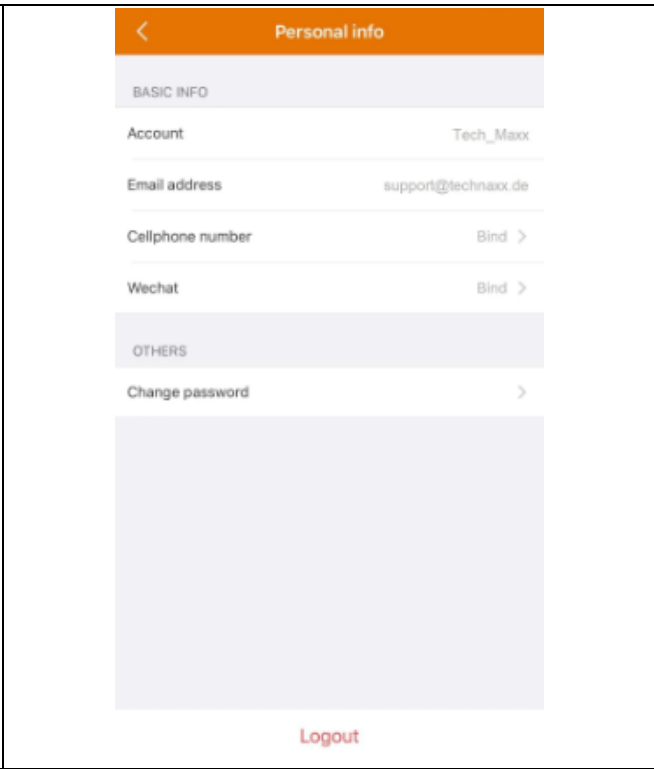
7.2 My center (personal area)

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

	<p>Add email address, cellphone number or WeChat account to bind and be able to login with. Change the password of your account. Like shown in the picture below.</p>
	<ul style="list-style-type: none"> → Enable/disable hard decoding (Android only) → Enable/disable if you want to be reminded that you are using 2G/3G/4G mobile network. → Message push can be enabled/disabled (iOS only) → See the statistics of how much mobile traffic you have used. → Enable/disable if devices nearby should be shown in the app automatically. (Android only) → Enable /disable shake and shake to find new addable devices. (Android only) → Select the preview mode between real time or fluency. → Push notification can be enabled/disabled (Android only) → Click to upload a crash file after the app has crashed
	<p>Check screenshot / recording file</p>
	<p>Devices that you share with other users are listed here.</p>
	<p>Click here if you need some help with the installing of your camera.</p>
	<p>Company profile</p>
	<p>Terms of service / Privacy policy</p>
	<p>Check APP version and shows current APP version</p>



Setup interface



Personal info (account) interface

Description of chapter 8 is based on Security Premium for Windows in version 2.0.6.

8. How to use PC Software Windows (& MAC)

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

8.1 Installation

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

→ 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.

→ Now start with choosing the look of the software, classic or modern theme. (It can be changed in the software afterwards, if you do not like the chosen theme.)

→ Best is to use the setup guide, click on Next page. But you can also choose the One-Key-Configuration. It will start the software directly than go to 8.2.

→ Next step you can choose the language, the login type (local or cloud; cloud: with your registered account on App), the number of screens, how the device list is shown (tree or graph) and if you want devices to connect manually or automatically. Click on Next page.

→ Set the timeline scale, **do not** fill in WiFi name and password, If needed change the path for screenshot, local video and video downloads by clicking on the three dots behind the default path. Press Next page when you finished the settings.

Important: A 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.

→ On the last setup you get shown the devices in your network. Mark the devices in front you want to add. Fill in the device name (customer choice), username will be admin and password is the device password which was assigned during the addition to the Security Premium app or which you assigned via the monitor. Click on Finish when you are ready.

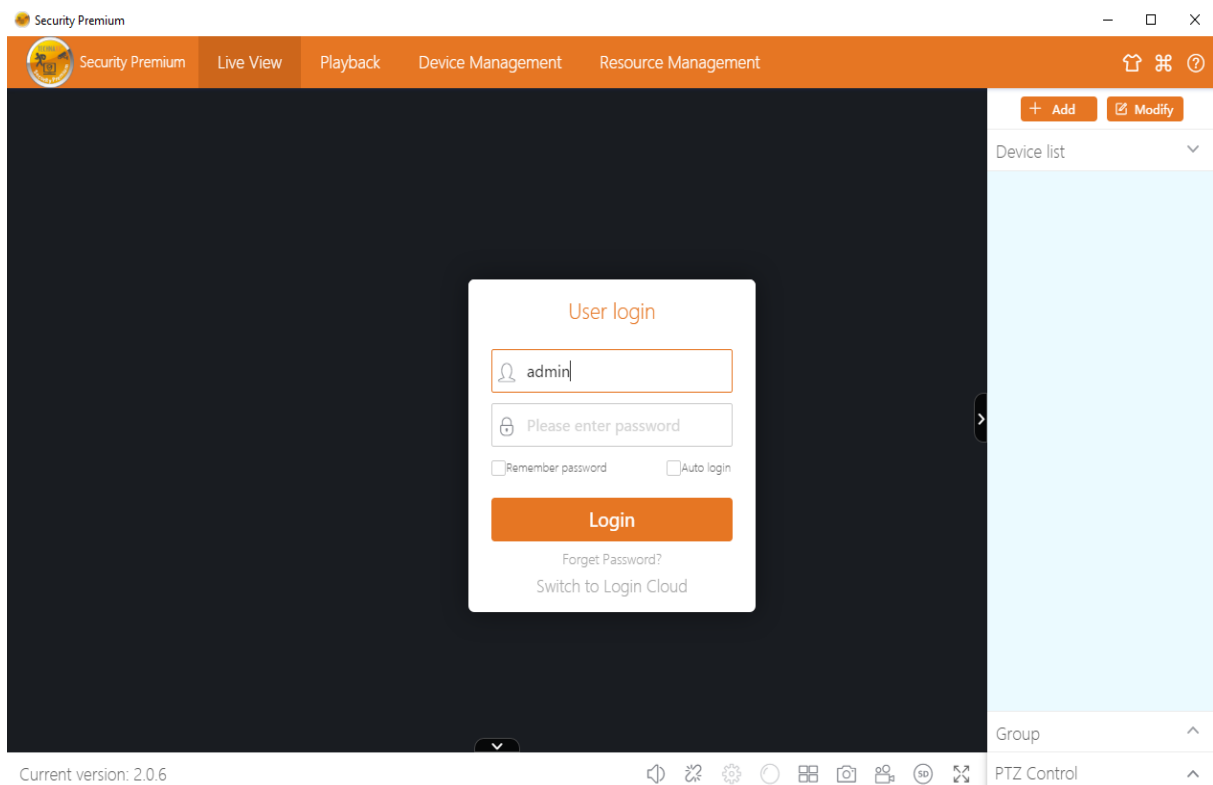
8.2 Login and add device

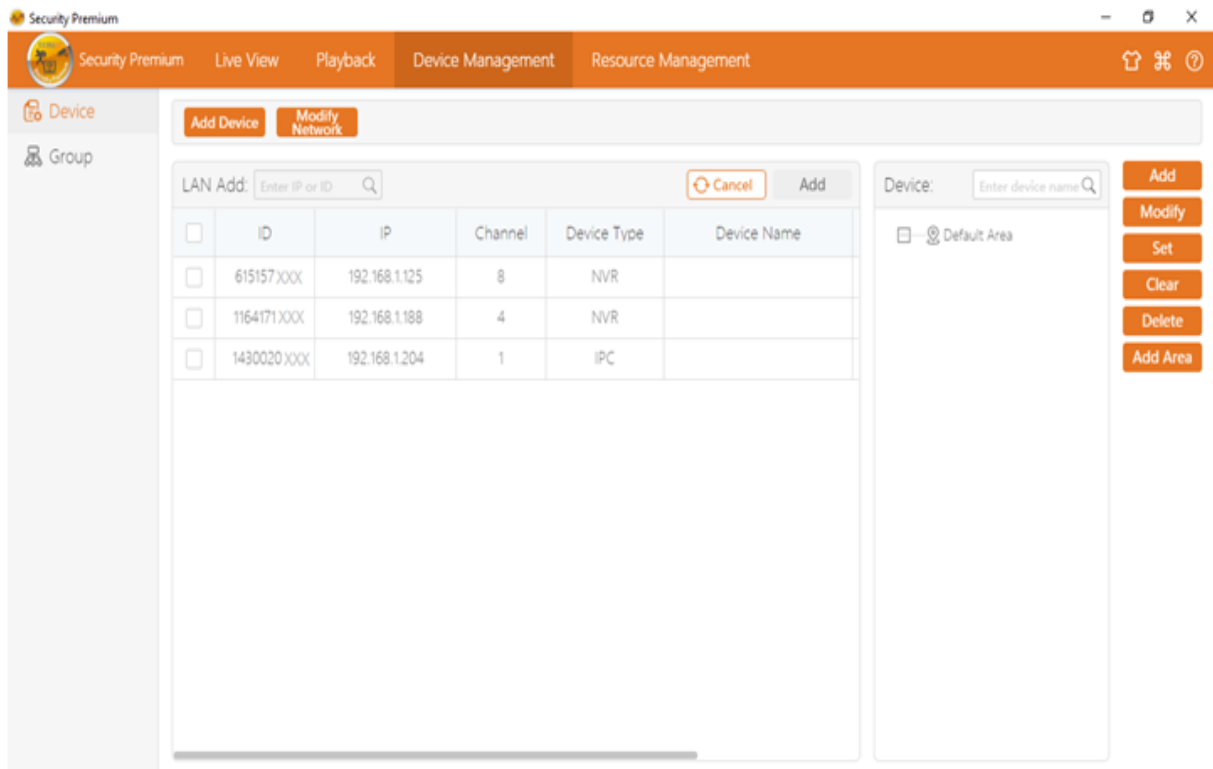
→ The PC Software starts automatically. A login window will show up. Just click on Login if you choose Local login in the Setup guide.

→→ If you choose **Cloud login** enter the email address and the password, that you created over the Security Premium App.

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

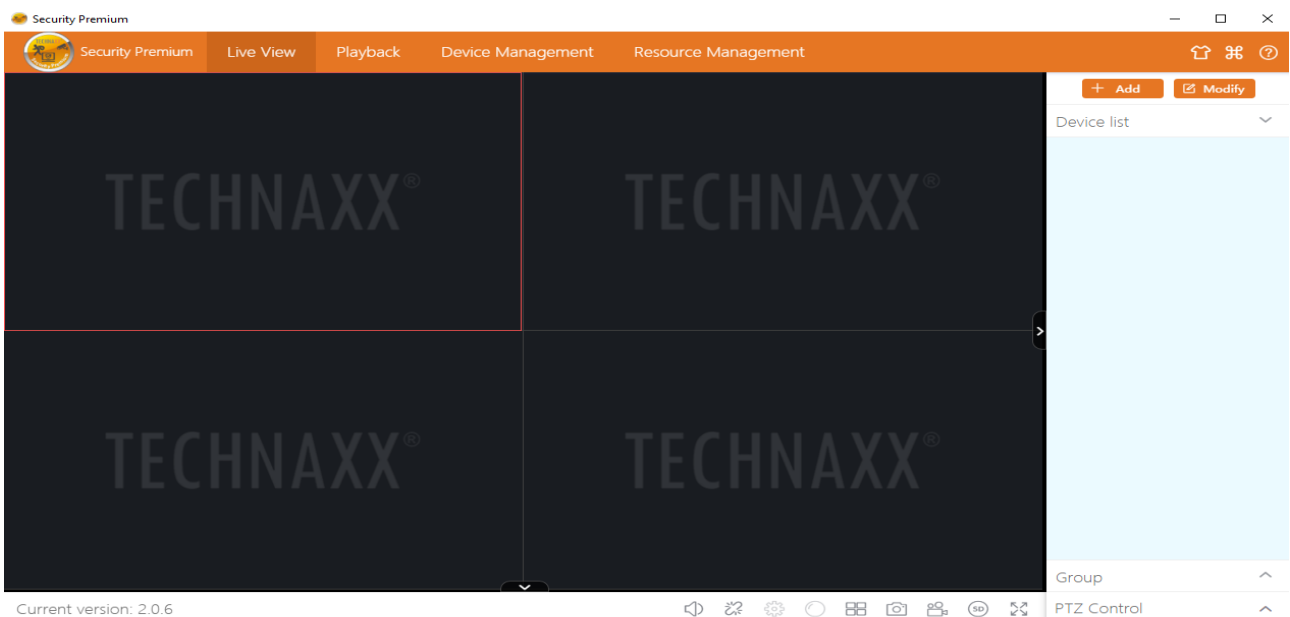
→→ If you choose the **Local login**, go to device management choose the device you want to add. If you already added the device you will see it in the list on the right. Mark the added device by clicking on it and choose Edit. Enter the monitor password which was assigned during the addition to the Security Premium app or which you assigned via the monitor.





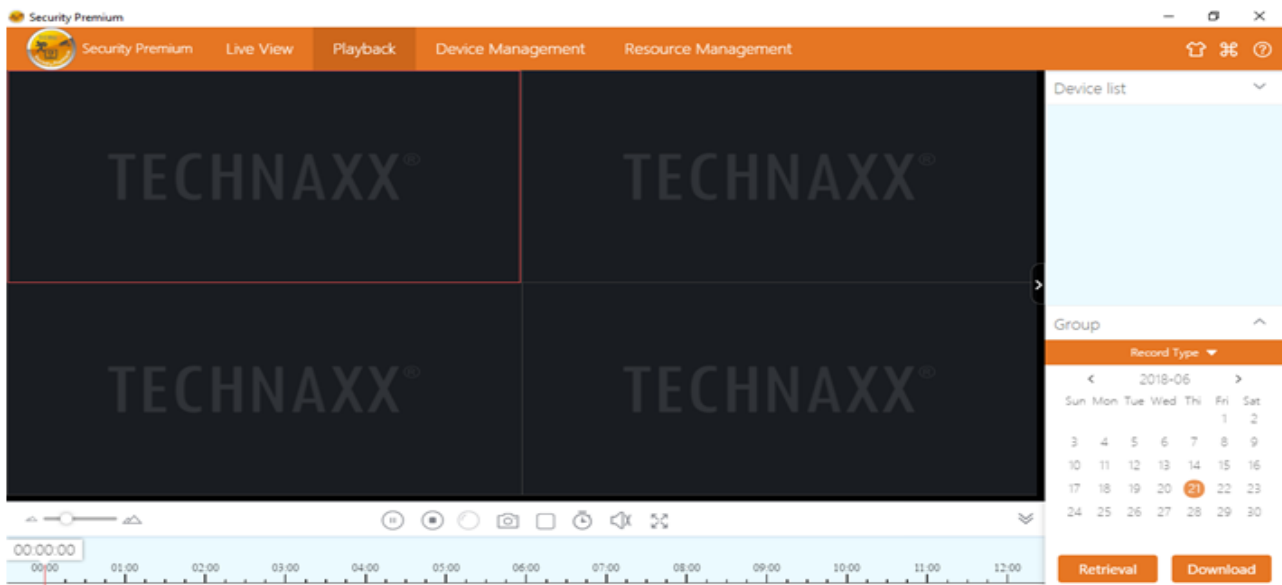
8.3 Open live view

To open the live view choose the Live view menu. Select the camera you want to view from the list on the right and double click on the device. The live view will open in the black window which is marked with a red frame.



8.4 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.



9. 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)

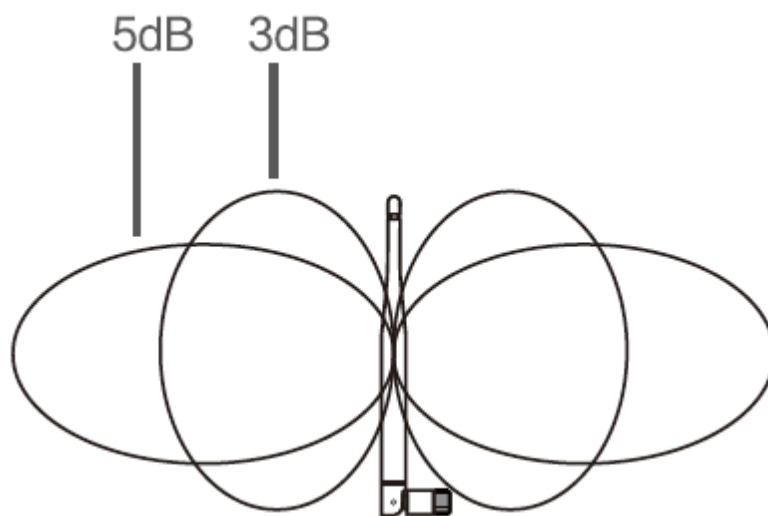
10. Important additional Information

10.1 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.

10.2 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.

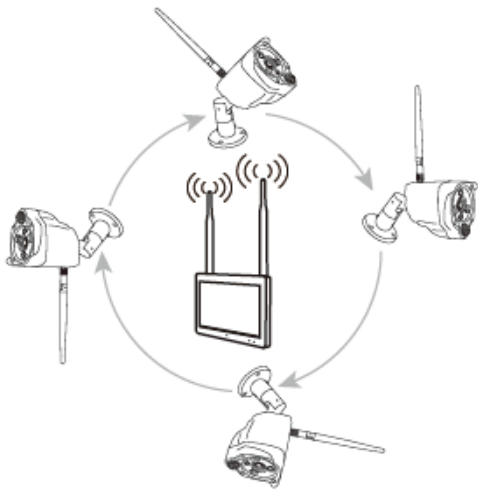


Rod antenna gain vs. coverage

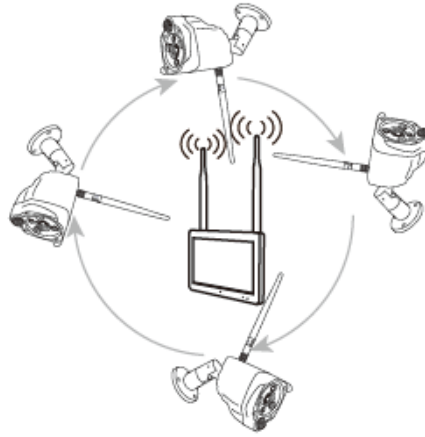
According to the transmission characteristics of the antenna to the signal, in order to ensure the optimal image transmission effect of the wireless set, claim:

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



false method

11. Technical Specifications

11.1 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	

11.2 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)	

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