

Technaxx® * User Manual

Solar WiFi Wildcam TX-326

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.

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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 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.

- 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.
- 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.
- Remove the batteries before using the external power supply!

Warnings

- Do not disassemble the product, it may result in short-circuit or damage.
- Battery life-span will decrease with usage. ● 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.

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 damage, 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

- Battery (5000mAh) operated for indoor and outdoor use
- Ideal for recording and observing the wildlife and for monitoring houses
- Charging via integrated solar panel
- Download recordings via App on your Smartphone (direct Wildcam - Smartphone connection via AP) without removing the SD card
- FullHD video resolution 1080P
- 48MP photo resolution
- 1.77" (4.5cm) color TFT LCD
- 1/3" CMOS sensor with 2MP
- Select functions: video, photo, video & photo
- PIR motion detection up to ~15m with automatically recording
- 4x IR LED no glow (940nm) up to ~15m for optimal night vision
- Triggering time 0.4 seconds
- Built-in microphone & speaker
- Supports SD cards up to 128GB (Class 10) for local recording
- Waterproof & dustproof IP65

Product overview

Front view		Side view	
1	MENU Button	11	Lens
2	PLAY Button	12	Right night vision light
3	START Button	13	PIR indicator light
4	Microphone	14	WiFi Indicator light
5	Left night vision light	15	Display
6	Solar panel	16	Speaker
7	Up button/recording	17	USB Type-C
8	OK Button	18	Reset button
9	PIR Lens	19	SD card slot
10	Down Button/Photo	20	OFF/ON switch

Button Definition

MENU Button	1. On the preview interface, short press the MENU button to open and exit the settings menu. 2. On the playback interface, short press the MENU button to enter the file deletion and protection interface.
PLAY Button	In the preview interface, short press the PLAY button to enter the playback interface.
START Button	Short press on the preview interface to enter monitoring mode, press START again to exit monitoring mode.
Up button/ recording	1. Short press on the preview interface to switch to video recording mode. 2. In the setup and playback modes, short press the up button to scroll up.
OK Button	In the settings menu, short press OK to save the settings. In playback mode, short press to play/pause video. On the preview interface, short press the OK button to take photos/videos.
Down Button/ Photo	Short press on the preview interface to switch to photo mode. In the setup and playback modes, short press the button to scroll down.

How hunting cameras work

The hunting camera is equipped with a **low-power PIR sensor** and uses local storage. It senses the infrared signals of animals or human bodies through the pyroelectric infrared sensor, automatically triggering the camera to take pictures and record videos and save them on the local device.

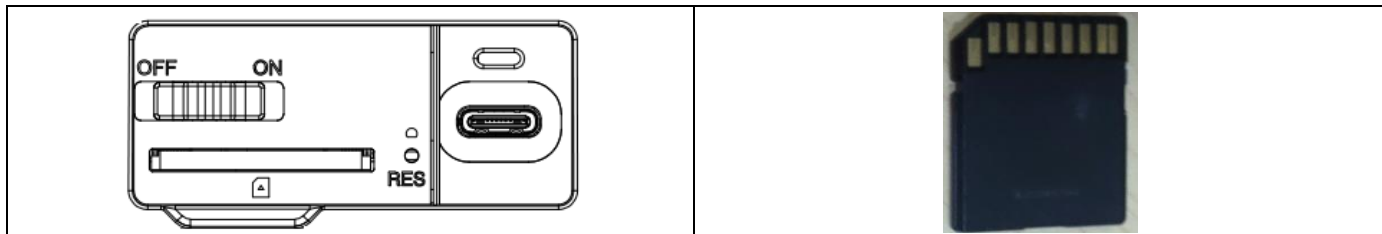
E.g.: When an animal enters the monitoring range of the hunting camera, the hunting camera starts shooting through the infrared sensor and saves the shooting file. When the animal leaves the monitoring range of the hunting camera, the camera is in a dormant standby state. When the animal enters the monitoring range of the camera again, the camera starts shooting again.

For the **WiFi connection** you need to stay in range of the camera WiFi signal (max. 70m). Via App you can connect to the Wildcam by Bluetooth to wake up the WiFi directly. The data transmission is executed by the Access Point (AP). You can change settings or download photos/videos to your Smartphone without removing the SD card.

Quick Start Guide

SD Card

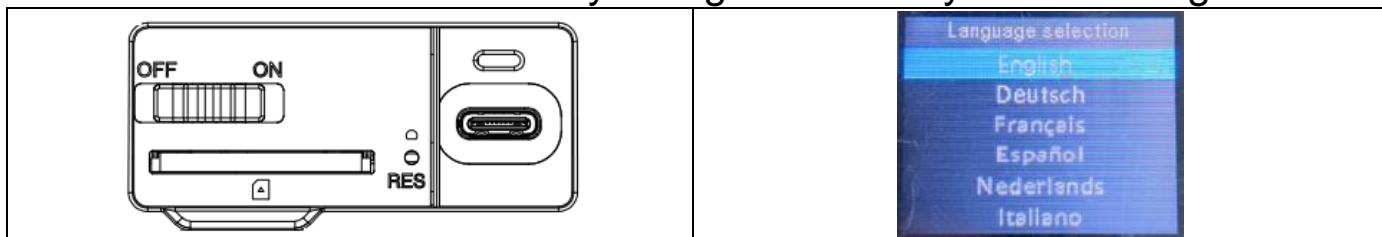
Before operating the camera, insert (without powering on the camera) a high-speed SD card of Class 10 or higher. Insert the SD card in the correct direction as marked on the camera. Connect the new card to a computer to format it for the first time.



OFF-ON mode

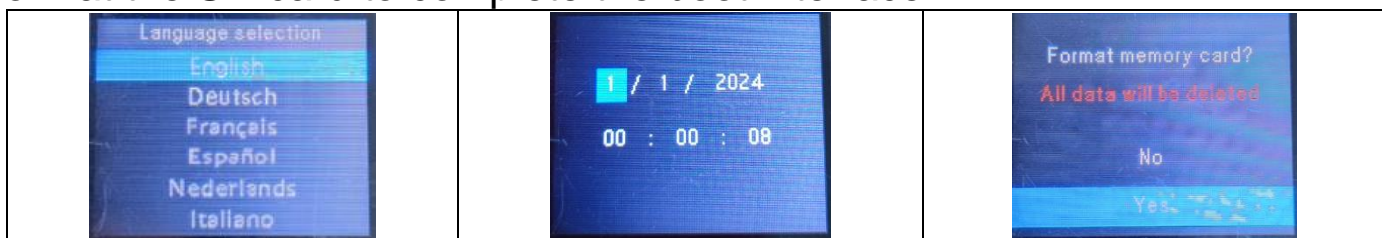
Turn on the hunting camera and flip the switch from OFF to ON. The camera will turn on and the LCD will display the preview interface.

Note: The camera will not automatically take photos or record videos in this mode. It is recommended to fully charge the battery before using it.



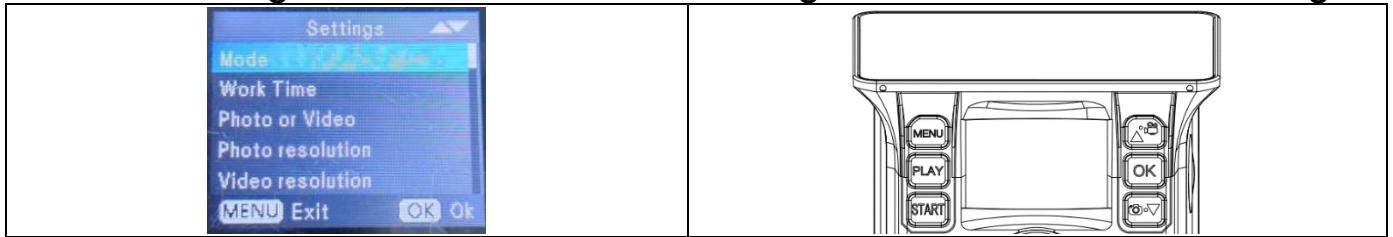
Turn on camera guide

After turning on the camera, use the up and down buttons together with the OK button to complete the language setting, time and date setting and format the SD card to complete the boot interface.

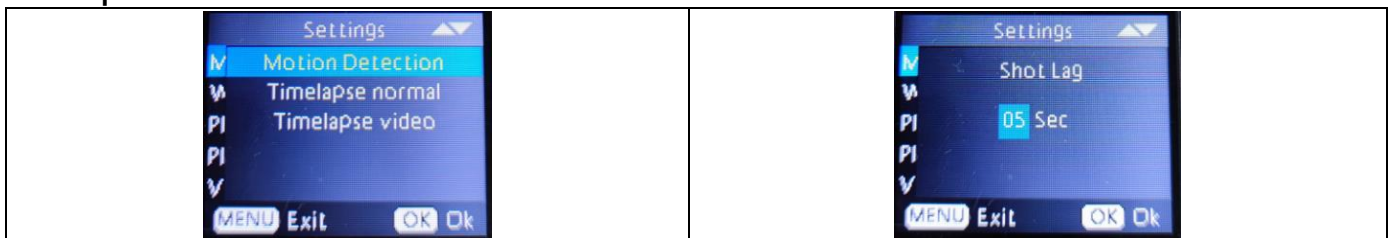


Function settings

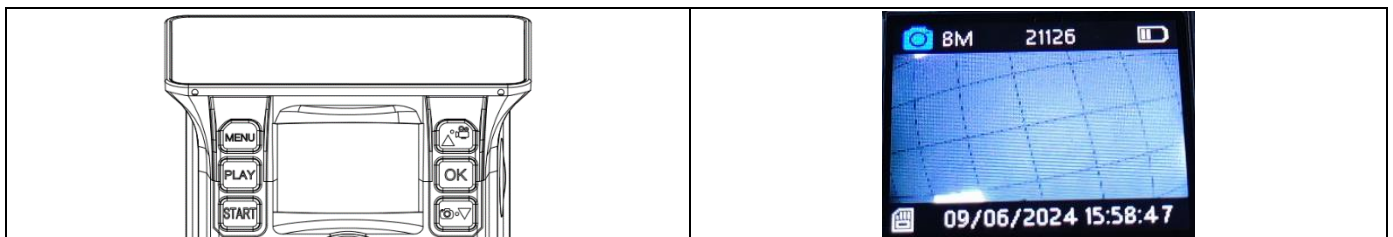
1. When the switch is toggled from OFF to ON, the camera turns on. The LCD pops up the menu by pressing the MENU button. Press the up/down button to select the menu to be adjusted and set it. Press the OK button to save the setting. Press the MENU button again to exit the menu setting.



2. Enter the menu and select motion detection to set the detection interval as required.

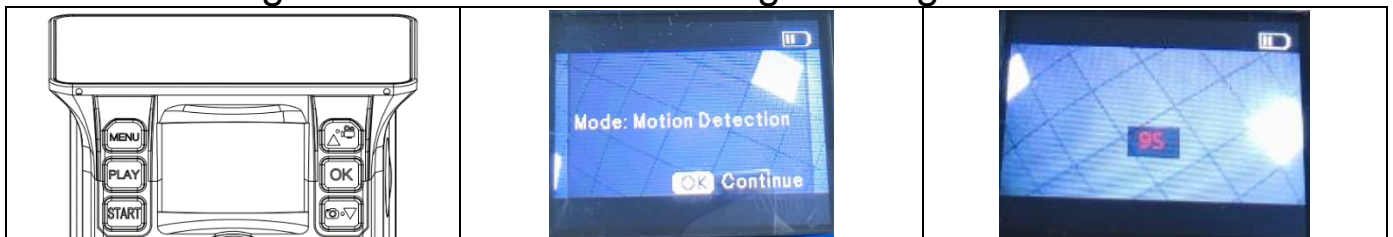


3. Press the MENU button on the LCD to exit the setup menu and enter the preview interface.





4. When you have completed all the settings in preview mode and determined the installation location, press the START button directly. The screen display will turn off after 10 seconds and the camera will enter monitoring mode. If you need to reset the parameters, press the START button again to wake up the camera.

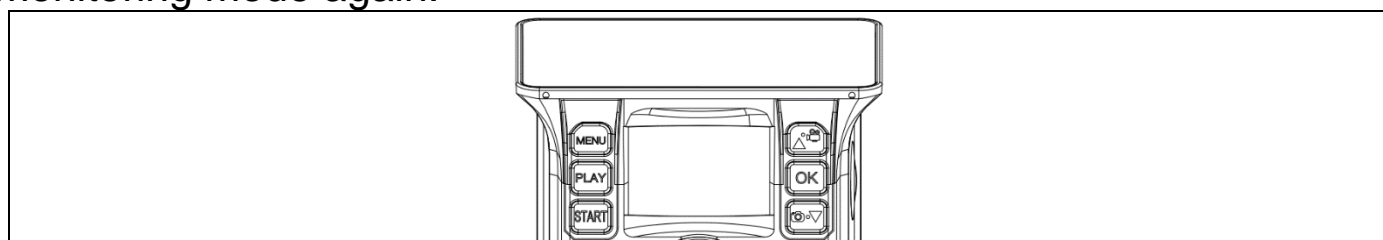
START-hunting camera enters monitoring working mode.





5. When querying the shooting files, press the START button again to wake up the camera, and press the "PLAY" button to view the captured pictures and videos.

	
Photo	Video

6. Press the MENU button on the LCD to exit the setup playback and enter the preview interface. You can press the START button to enter the monitoring mode again.



Video/Photo mode

Video recording interface		Photo interface	
			
1	Video recording mode	1	Photo mode
2	Video resolution	2	Photo resolution
3	Remaining recording time	3	Number of photos remaining
4	Battery		
5	SD card		
6	Current date		
7	Current time		

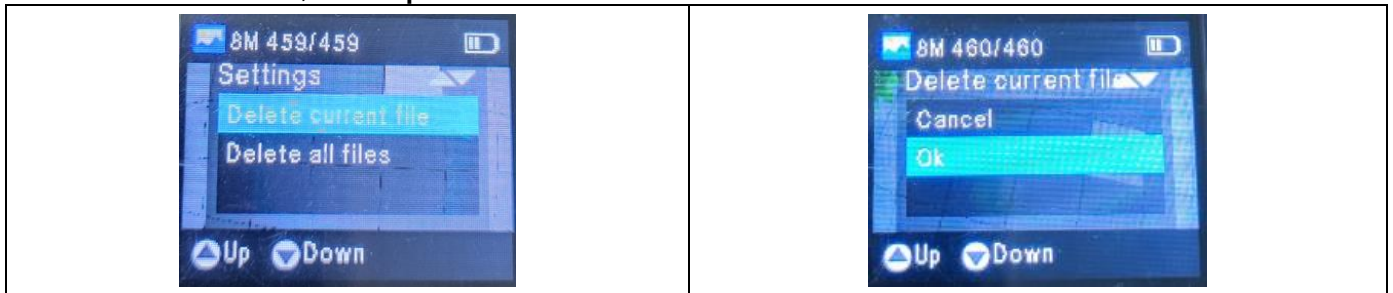
Playback/Delete Mode

Note: You can do this by App connection as well.

Remove the camera from the installation location. Press the START button to wake up the device. Press the PLAY button to enter the playback mode. Press the up/down button to view the captured pictures or videos. When playing back video files, press the OK button to play or pause. Press the MENU button to return to the standby mode.

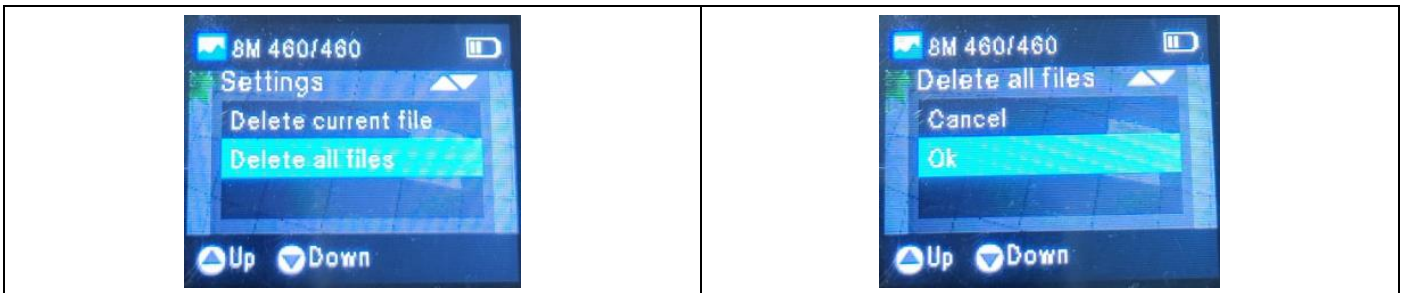
Delete the current file

Use this function to delete the currently selected picture or video in the camera memory card. In playback mode, press the MENU button, select "Delete Current", and press the OK button to confirm.



Delete all files

Use this function to delete all pictures or videos in the camera memory card. In playback mode, press the MENU button, select "Delete All", and press the OK button to confirm.



System menu settings

Mode

- Motion detection: After the camera is triggered to shoot, the camera will not take photos or videos within the set interval. This can prevent the SD card from being filled with duplicate files.
- Timelapse normal: Set the time interval to record the entire flowering process. For example, if you want to observe the blooming process of a plant, you can use this function. Note: When this function is turned on, the PIR sensor does not work.
- Timelapse video: used to record sunrise, sunset and other scenes that require long recording time but little scene change, so as to save memory space and present better results. Note: When this function is turned on, the PIR sensor does not work.

Work Time

Turn off/on, press the "OK" button and then select "On" to set the start time and end time. After setting, the camera will only work during the set time every day. Outside this time period, the camera is in standby mode. The camera will not be triggered and will not take any photos or videos.

Photo or Video

Photo/Video/Photo+Video, when motion is detected, you can choose to take a photo or video. When Photo+Video mode is selected, the camera first takes a certain number of photos and then takes a video.

Photo Resolution

48M, 42M, 36M, 32M, 24M, 20M, 16M, 8M, 4M, 2M. You can select the desired photo resolution. The higher the resolution, the better the photo quality, but the larger the file, the more space on the memory card.

Video Resolution

1080P/720P, select the desired video resolution. The higher the resolution you select, the larger the file size will be and the more space you will need on the memory card.

Photo Burst

1/2/3/4/5 photos, you can select the desired number of continuous shots, which is the number of photos the camera will take in sequence each time it is triggered.

Video Length

5 seconds - 3 minutes, the default is 10 seconds. This is the duration of a single recording when the device is in ON/START mode.

Audio Recording

The default setting is "On". When "Off" is selected, the recorded video will be without sound.

Detection Delay

5 seconds - 1 hour, after the camera is triggered to shoot, the camera will not take photos/videos within the set interval. This can prevent the SD card from being filled with duplicate files.

PIR Sensitivity

Low/Medium/High, the sensitivity of the PIR sensor, will affect the sensitivity according to the ambient temperature. When the ambient temperature is high, the "High" setting is more suitable when you want to capture animals farther away, while the "Medium"/"Low" settings are more suitable in cold weather.

Motion Titter

Prevent accidental shooting after it is turned on. After being triggered by PIR, the video algorithm is used to analyze whether there is a moving object in the picture.

Motion Test

You can test whether the PIR is working properly in the setting mode.

Fill Light Distance

There are three options (Far, Medium, Near)

Camera Name

Can modify the camera name

WiFi LED

It is on by default. The indicator light flashes during the WiFi connection process, and you can see the current status of the camera.

Date & Time

Year, month, day/hour, minute, second, you can set the current date and time

Date Format

You can select the required date format, DD-MM-YY/MM-DD-YY/MM-DD-YY

Time Format

12H/24H, you can set the corresponding format.

Date Stamp

Off/On, you can choose to turn on/off the time display on the photo/video during playback.

Loop Record

You can choose to turn it on or off. If it is on, when the memory card is full, the previous files will be deleted and the video will continue. If it is off, when the memory card is full, the video will stop.

Beep Sound

The default setting is "On". When "Off" is selected, there is no sound when pressing buttons.

Memory Card Format

Format the memory card. Select "Yes" to delete all data. After the camera formats the SD card, all files will be deleted.

Note: Please format the SD card on this camera for the first use.

Language

English, Deutsch, Francais, Español, Nederlands, Italiano, Polski

Password Protection

You can set a 4-digit power-on password, which can be set between 0 and 9, to protect your camera.

If you forget the password, press and hold the Up button and the OK button to turn on the camera, and the camera will be unlocked.

Factory Reset

Restore factory settings, select "Yes" to restore the camera system to factory settings.

Version Info

You can view the current firmware version and Bluetooth version of the camera.

APP download and installation

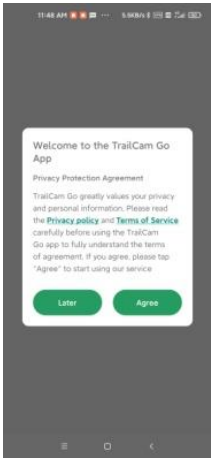
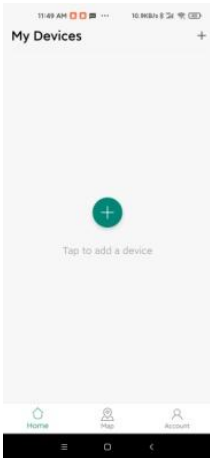

Method 1: Search for "TrailCam Go" on Google Play for Android phones or Apple Store for iOS phones, download and install it.

Method 2: Use your Android or iOS phone to scan the QR code on the right to download the "TrailCam Go" APP.



WiFi connection

1. Turn the camera switch to ON mode and turn on the Bluetooth and WiFi settings on your phone. Open the "TrailCam Go" APP icon. When prompted for privacy permissions, confirm your consent and ensure that the APP is connected normally. (As shown in Figure 1)
2. Click "+" to add a device, select the device type: WiFi camera and make sure the camera is turned on and near you. (Figure 2).
3. If you want to connect a single camera, click "Connect Camera". If you want to add multiple cameras, click "Connect Other Cameras". Select the Bluetooth name you want to connect and the device will automatically connect. As shown in (Figure 3).

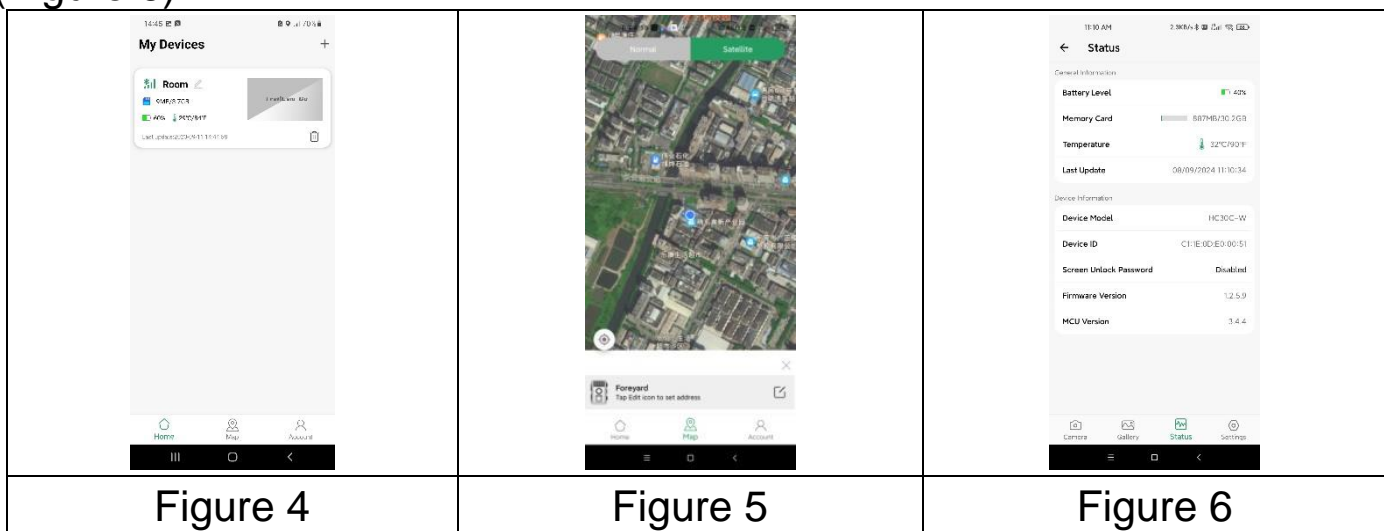
		
Figure 1	Figure 2	Figure 3

4. During the connection process, you will be prompted to use a temporary WiFi network to connect to your device. Click "Connect". After the connection is successful, the camera name or location input interface will pop up. Enter and save, then enter the main page as shown. (Figure 4).

5. The camera enters the preview interface, click "Map" to find the location of the camera. Click "Camera List" and edit the location of each device. As shown in (Figure 5).

Note: Please make sure your location is turned on when using it. "TrailCam Go" needs permission to use location information, click "Allow when using".

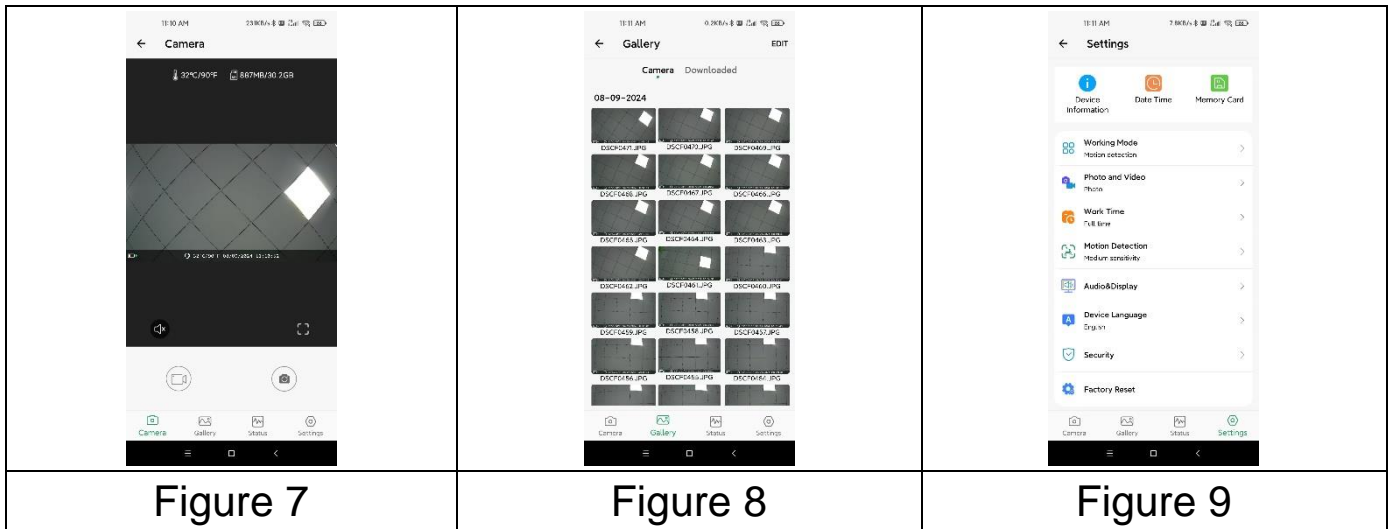
6. Return the camera to the home page, click the preview box in the upper right corner of the main interface to enter the camera status interface, where you can view information such as battery/storage/camera name, etc. (Figure 6).



7. Click the camera icon on the status page to enter the real-time monitoring screen, where you can take photos and record videos. (Figure 7).

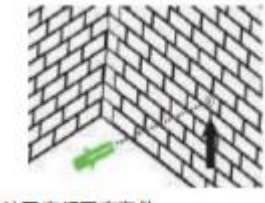
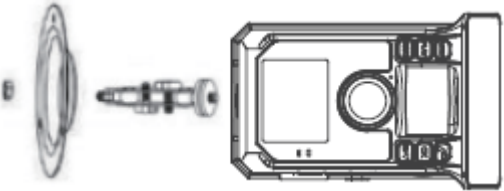
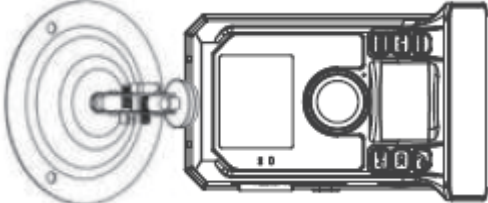
8. Click on the gallery to view videos and photos, delete/share files, and the captured files are directly saved locally instead of in the camera's storage card. (Figure 8).

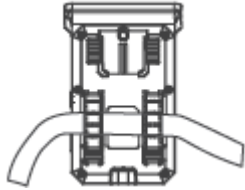
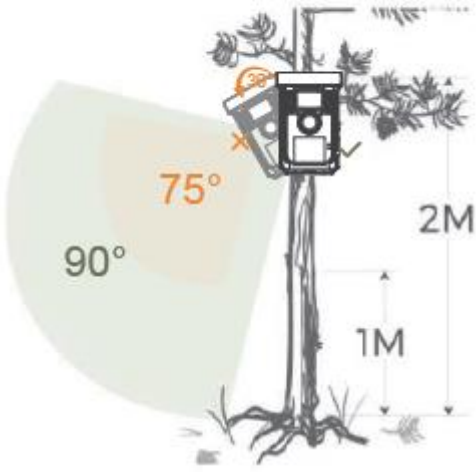
9. Click the setting icon to enter the parameter setting interface, where you can set the time, working mode, video/photo mode, etc. (Figure 9).



Installation and positioning

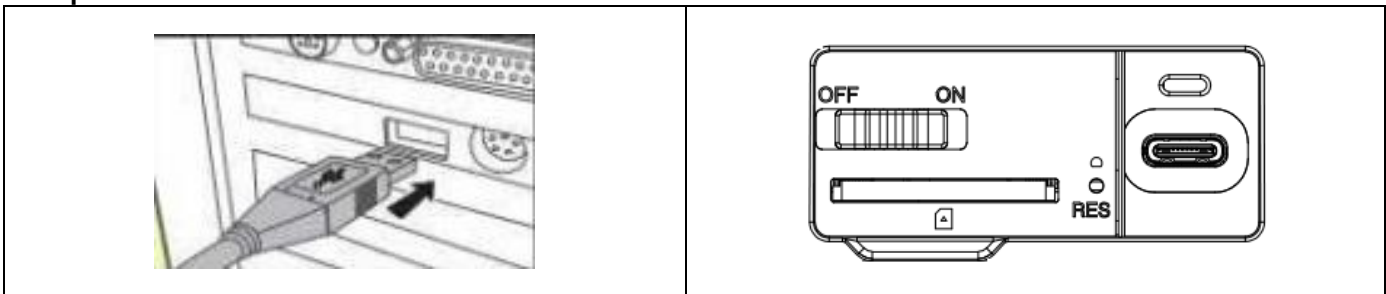
Note: If you drill a hole in the wall, make sure that power cables, electrical cords and/or pipelines are not damaged. When using the supplied mounting material, we do not take the liability for a professional installation. You are entirely responsible to ensure that the mounting material is suitable 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.

<p>1. If you want to place the camera on the wall. Mark the mounting location with the help of the metal plate and make holes in the wall.</p>	
<p>2. Place the green component into the hole.</p>	
<p>3. Fasten the fixing kit as shown in the picture.</p>	
<p>4. Place the camera in the location of your choice and secure it in the location of your choice.</p>	
<p>5. If you want to put the camera in a tree.</p>	

<p>6. Pass the mounting strap through the bracket on the back of the camera. Tie it to the tree. Adjust the position of the camera.</p>	
<p>7. If you are worried about the camera falling, you can also use the fixing kit together with the mounting strap to ensure that the camera cap is firmly fixed in the right position.</p>	<p>Correct installation ✓ Wrong installation ✗</p> 
<p>8. The height of the camera from the ground should be different according to the size of the animal being photographed. Generally, 1-2 meters is the best height.</p>	

USB connection and card reader use

1. In preview mode, connect the camera to the computer using a USB cable. The camera is automatically mounted on the computer and named "Removable Disk".
2. Double-click the device to detect the folder "DCIM".
3. You can copy or move photo and video files on your computer. Alternatively, you can insert the memory card into a card reader on your computer.



FAQs

Important information

- Do not submerge the unit in water. Although the unit is waterproof and dust resistant to IP65 rating, it is not intended for use under water.

- Don't forget your password. It is not necessary to set a password, but if you do set it and forget it, refer to the FAQ → Q4 to reset the device to factory setting.
- Remember to clear the SD card before each venture. If the SD card fills up, the unit will stop recording.
- Keep the SD card away from strong electromagnetic or magnetic fields such as a speaker or TV receiver.
- Batteries do not last forever. Keep an eye on the Low Battery symbol. If the batteries die, you may not get that perfect shot you were hoping for.

Q1: The camera does not turn on

A1: Switch the device OFF. Remove the memory card. Leave the device for a few minutes. Reinsert the memory card followed by charging batteries for 15 minutes. Try turning it on.

Q2: Files not saving to the SD card

A2: When the memory card is recognized by the device, the memory card icon will be displayed on the screen. If the card icon is not displayed, power OFF the device and remove the memory card. Carefully reinsert the memory card and turn on again. If the card icon does not display, navigate to the Format option to format the card. After formatting the card, power OFF and remove the card. Then reinsert the card.

If the card is not recognized after formatting, remove the card and format the card in a PC or card reader connected to a PC. After PC formatting reinsert the card into the camera. If the card is still not recognized, the card may be incompatible with the camera and may need to be replaced. **Note:** Performance of a memory card will degrade over time. In the event of reduced or unexplained poor performance, firstly reformat the card. If reduced performance remains, the card will need to be replaced with a new SD card.

Q3: Does not connect using USB lead

A3: If you use a USB lead other than the one supplied, remember that some USB leads are wired for charging only. Use a USB lead suitable for data transfer. Always replace a worn or damaged lead with a new USB lead.

Q4: Forgotten password

A4: If you have set a password and forget it, while turning on the camera, press and hold the Up button and the OK button. The camera will be unlocked.

Q5: Hunting cameras are useful during the day, but can't capture anything at night?

A5: It is recommended to charge the camera before use. When the battery is low, the voltage output is not enough for night shooting.

Q6: Not connected to WiFi

A6: Check whether the device is turned on; whether the WiFi is within effective distance; check whether the device is low on power.

Technical specifications

Image sensor	1/3" CMOS 2MP
Camera viewing angle	horizontal: 90°/ vertical: 60°
Display	1.77" (4.5cm) color TFT LCD (128x160 pixel)
Video resolution	1080P / 720P
Photo resolution	48MP/ 42MP/ 36MP/ 32MP/ 24MP/ 20MP/ 16MP/ 8MP/ 4MP/ 2MP
Video length	5s - 3 min
File format	JPG/MP4
Lens	4G, FOV=90°, Auto IR filter
Minimum illumination	Color mode: 1 Lux; Night mode: 0.01 Lux
IR	4x IR LEDs (no glow 940nm), ~15m range
PIR	50° viewing angle
Triggering distance	~15m (below 25°C at the Normal Level)
Triggering time	0.4 seconds
Operate interval	5s - 60min, programmable
Timer	On/Off
Photo series	1,2,3,4,5
Effectiveness	Daytime: 1m up to infinite, Night time: up to 15m
Periodic shot	Time Lapse 5 second up to 24 hours
Auto-distinguish images	Color images in daytime/black & white night images
PC interface	USB-C
Speaker & Microphone	Built in
Memory	External: SD** card (up to 128GB, Class10) [**not included in delivery]

File size	Night; B/W: 35-40MB/min (32GB = 12 hours continuous ¹ recording) Day; color: 40-50MB/min (32GB = 10 hours continuous ¹ recording)
Power supply	Built in Li-ion Battery 3.7V 5000mAh; External charging via USB-C 5V / 1.5A
Solar panel	1.6W, 5.5V, 0.3A
Power consumption	from 0.75W to 3.7W
Working time	Up to 3 months (or up to 5h of continuous ¹ recording - mixed day & night) depending on the usage and motion triggers and the sunlight
Standby time	~6 months (only battery), ~12 months (solar charging); depending on settings and sunlight
Lockable protection / Password	Optional / 4-digit numbers
Network interface	2.4GHz 802.11b/g/n
WiFi security	WPA2
WiFi distance	max. 70m
Radiated output power max.	100mW
Working temperature	-20°C up to +60°C
Storage temperature	-30°C up to +70°C
Protection class	IP65
Material	ABS+PC
App	TrailCam Go
Languages	EN, DE, FR, ES, NL, IT, PL
Weight & Dimensions	270g / (L) 13.5 x (W) 8.5x (H) 6.5cm
Package contents	Solar WiFi Wildcam TX-326, USB cable, Mounting bracket, Mounting belt, User Manual

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

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.
- Deliver or use it in strongly shocking environment.

Declaration of Conformity



Technaxx Deutschland GmbH & Co. KG hereby declares that the radio equipment type TX-326 Prod. ID.:5269 is in compliance with Directive 2014/53/EU. The full text of the EU Declaration of Conformity is available at the following internet address: www.technaxx.de/reseller

Disposal



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

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



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



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

Made in China

Distributed by:
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Solar WiFi Wildcam TX-326