Technaxx® * User Manual

Wildcam 720p TX-255

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



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

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

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

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

Model: TX-255 Article No. 5087, 11/2026

Table of Contents

Hints 2
Safety instructions 2
Warnings 3
Notes on data protection 3
Disclaimer 4
Features 4
Product overview 5
General information 6
Basic Operations 7
Photo settings 8
Video settings 9
General settings 9
Operation 12
Download Files 13
FAQs 14
Technical specifications 15
Support 16
Care and maintenance 16
Declaration of Conformity 17
Disposal 17

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.

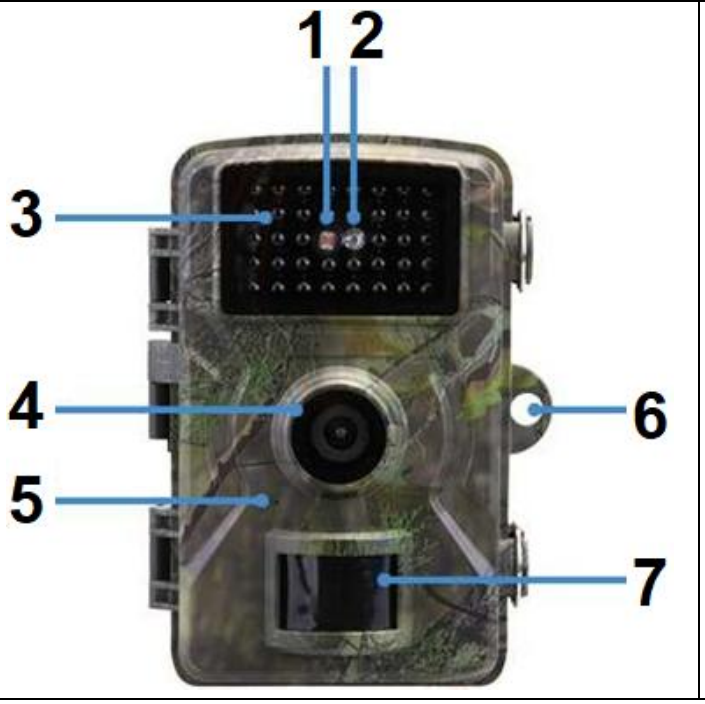
Disclaimer

● In no event shall Technaxx Deutschland be liable for any direct, indirect punitive, incidental, special consequential 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

- Security camera battery operated for indoor and outdoor use
- Ideal for recording and observing the wildlife and for monitoring houses
- FullHD video resolution 720p
- 16MP photo resolution
- 2” (5.08 cm) IPS color display
- 1/4.5" CMOS sensor with 1MP
- Select functions: video, photo, video & photo
- PIR motion detection up to ~8m with automatically recording
- 38x IR LED no glow (940nm) up to ~5m for optimal night vision
- Triggering time 0.3 seconds
- Built-in microphone & speaker
- Supports MicroSD cards up to 128GB (Class 10) for local recording
- Waterproof & dustproof IP66

Product overview

Front view	Back view
	

Inside view





1	Light sensor	8	Latch
2	LED indicator	9	Strap retainer
3	IR LEDs (night vision)	10	Screen display
4	Lens	11	Speaker
5	Microphone	12	Controls / Buttons
6	Padlock hole	13	Battery compartment
7	PIR sensor (motion detection)	14	Battery Cover

General information

Insert batteries

1. Slide the power switch to Off position 2. Take off the back cover 3. Insert the batteries with the polarities in the direction as marked in the battery compartment. 4. Tighten the back cover Battery type: AA Battery quantity: up to 8pcs	

Power supply

→ Before use, install 8x pieces of AA batteries* 1.5V (*included) in the correct polarity. → Open the camera case and remove the battery cover.

→ Extended Information for Power supply

- The device does not work with a battery voltage lower than 4V.
- The battery life with default video length of 10 seconds will be: 4.5 hours in day mode or 1.5 hours in night mode & 1600 videos in day mode or 300 videos in night mode (8xAA batteries installed).
- External power supply does not charge installed rechargeable batteries. It is just for powering the device. For safety reasons remove the installed batteries when using an external power supply.

Battery life

Refer to the table below to see the camera's battery life using 4/8 pieces AA batteries.

Testing Conditions: 5 times wake-up during daytime and 5 times wake-up during nighttime, average wake-up period 20seconds.

Note: Due to different conditions of use and different brands/quality of batteries being used, 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 quantity	4	8
Standby time (sleep mode) (Months)	4	8
Standby time (wake-up mode***) (Months)	2	4
Total continuous working time during the day (Hours)	2.25	4.5
Total continuous working time during the night (Hours)	0.75	1.5

*** with motion trigger, for example, 10times each day

Inserting the memory card

● The camera has no built-in memory, therefore insert a formatted (with FAT32) MicroSD card** up to 128GB (**not included) for saving files. We suggest to use class 10 high speed card.

Formatting: Format memory cards up to 128GB in FAT32

Attention: Do not insert the MicroSD card forcibly; refer to the marking on the camera. The MicroSD card should have same temperature like the ambient temperature. The camera will be short-circuiting influenced by environment temperature and humidity. Notice protection for the camera when using it outdoor.

● If the capacity of MicroSD card is full, the camera will stop recording automatically.

● Press the edge of the card gently to pop-out the MicroSD card.

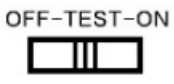
IR LED

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

Basic Operations

Enter Test Mode

Move the switch to the TEST position.



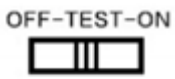
The test mode menus allow you to set the parameters to tell the camera unit what you want it to do.

First time start in Test mode the default device language is English. To change language press menu button 2x. Than press up button 4x and press “E” to confirm. Now choose your language with the up and down buttons and confirm with “E”.

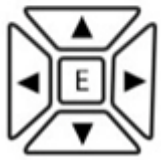
Manual image capture and video recording
While in Test mode, you can manually capture images and record videos.
Press ▲ and ▼ to switch between picture capture and video mode.
Press ◄ to manually take pictures or videos.
Picture and video quality will depend on your chosen settings (see the next section).
All images and videos are saved to the memory card.

Note: If you operate the camera without an SD card inserted no images or video will be saved.

System Setup
Switch MODE button to “Test”, then you can set the system parameters.







- The M and E buttons are used to enter the menu mode and to change settings.
- Press the M button to enter and exit the menu lists.
- Use ▲ and ▼ to move up and down the menu options.
- Press E to access a setting.
- Use ▲ and ▼ to select the required value.
- Press E to confirm your setting or press M to exit without changing.

Switch the MODE button to “Test” to turn on the camera for settings.
Switch the MODE button to “ON” to turn the camera in recording mode.
→ Display will turn off after 5 seconds and the camera is armed.
Switch the MODE button to “Off” to turn off the camera.

Photo settings
Photo Resolution: Set the image resolution: the bigger the resolution → the higher the sharpness! (It will take bigger space either.)
16MP(4640x3488 interpolated), 12MP(4032x3024 interpolated), 8MP(3264x2448 interpolated), 5MP(2592x1944 interpolated), 3MP(2048x1536 interpolated), 2MP(1920x1080), 1.3MP(1280x960) → Select and press E button to confirm.

Photo Series:

Set photo number of continuous shooting	Photo mode	Camera will take photos continuously
	Options: [1 photo] (default) / [2 photos in series] / [3 photos in series].	
	→ Select and press E button to confirm.	

Video settings

Video Resolution: 1080FHD (1920 ×1080) (default), 720P (1280 ×720). → Select and press E button to confirm. Set the video resolution: the bigger the resolution → the shorter the recording time.

Video length

Video length	Set the duration of recording a video clip → shortest time is 10 sec. / longest time is 3 min. (AVI format video can be played back on most video players.)
	Options: 10s, 20s, 30s, 1min, 2min, 3 min. (default is 10 sec.)
→ Select and press E button to confirm.	

Audio recording

Audio recording	Open this function → camera will record audio when recording video.
	Options: [On] (default) / [Off].
→ Select and press E button to confirm.	

Audio volume: Low (default), Medium, High → Select and press E button to confirm.

General settings

Date/ Time: Use ▲ and ▼ to change each parameter. Use ▸ to move to the next parameter.
Date format: select between [dd/mm/yyyy] (default) / [yyyy/mm/dd] / [mm/dd/yyyy].
→ Press E button to confirm.

Time Stamp: (stamp the date & time on the photos/videos or not): [Off] / [On] (default) → Select and press E button to confirm.
Mode Setting: [Photo] (default) / [Video] / [Photo & Video]. → Select and press E button to confirm.

Set the working mode	Photo mode (default)	Camera only takes pictures.
	Video mode	Camera only records video.
	Photo & Video mode	Camera will take a photo first, and after 10s start to record video.

Note: If you have selected the Photo & Video mode, make sure not to press up/down button on the live image screen. Pressing up/down button changes the mode to either photo or video.

Auto power off: (turns off the camera in Test mode when no buttons are pressed for the set time): [Off] / [3minutes] / [5minutes] (default) / [10minutes] → Select and press E button to confirm.
Info: To switch on again, switch the Mode button to Off and then to Test again.

Economy Mode: [Off] / [On] (default) → Select and press E button to confirm.

Operate Interval: [5s] (default) / [10s] / [20s] / [30s] / [1minute] / [5minutes] / [10minutes] / [30minutes] / [60minutes] → Select and press E button to confirm.
"Operate interval" is the time between the current video and the next video. Set the time of delay shooting when the camera detects the motion. Within the selected time, the camera will not record any image or video. It can avoid storing too much of the same event and saving more storage. (Default is 5 seconds.)

Password Set: [On] / [Off] (default). → Select and press E button to confirm. Once set, you will need to enter the password each time you turn on the camera.
Set the power-on password of the camera. The password is four digits, each digit ranges from 0 to 9 and a-z.
Attention: If you set the password, write it down to make sure that you do not forget it! If you forget the password check FAQ → Q4.

Serial ID Set (camera name)**:** [On] / [Off] (default). → Select and press E button to confirm.
Set the unique serial number for the camera. The number is four digits, each digit ranges from 0 to 9 and a to z.
Timer (Target Recording Time)
Options: [On] / [Off] (default). → Press E to confirm.

Set the target recording time of the day. With this option you can preselect when recordings should been taken. You can set the start and stop time. The camera will work just in the set time slot. In other time, the camera will keep in standby state.
After setting the time → Press E to confirm.

Time Lapse
Options: [On] / [Off] (default). → Press E to confirm.
Set the interval time of taking pictures. The camera will take pictures automatically as per set time interval. For example, set the interval time to 1 hour, the camera will take a photo each hour. If you want to observe that a plant blooms, the camera will take 24 photos in 24 hours to record the whole process of blooming.
After setting the time → Press E to confirm.

Trigger Sensitivity Motion Sensor: [Low] / [Medium] / [High] (default).
→ Select and press E button to confirm.
Test the sensitivity and find the correct detection zone for your purpose. Set the sensitivity of the sensor. **Note:** The temperature can also influence the sensor sensitivity.

Low	Set the sensitivity to low if you want to record indoors (small environment) or in cold environment.
Medium	Set the sensitivity to medium if you want to record outdoor (normal environment).
High	Set the sensitivity to high if you want to record outdoors (huge environment) or the temperature is mild.

Language: (set the language display on screen)**:** [English] / [German] / [French] / [Spanish] / [Polish] / [Dutch] / [Czech] / [Italian] / [Croatian] / [Bulgarian] / [Slovak] / [Hungarian].
→ Select and press E button to confirm.

Format: [Cancel] (default) / [OK]. → Select and press E button to confirm.
Attention: Formatting the memory card (FAT 32) will delete all data permanently. Before using a new memory card or a card that has been used in another device previously, format the memory card.
Note: If the card does not format correctly, remove the card and format it in a PC.

Default Settings: [Cancel] (default) / [OK]. → Select and press E button to confirm.

Restore the camera to factory default settings including password, serial number and so on.

Version: Look up the Firmware information of the camera.

Operation

Positioning the Camera

Give careful consideration to where you place the camera. If you leave the camera unit unattended, it may be removed by other people or even animals. To avoid potential false triggering do not point the camera at a heat source such as the sun. Nearby tree branches swaying in the wind may also trigger the camera unintentionally. The unit can be strapped to a tree or other fixture using the belt supplied. Alternatively, the unit be mounted on a tripod.

Set to Real Time Mode

Move the switch to the ON position. The camera will be ready to operate after 5 seconds. The red LED on the front panel will flash six times. When it goes out the camera is ready and waiting. When an object enters the PIR sensor range, the camera will take pictures or video automatically, according to your settings.

Note: You will not notice the camera capturing images or video. The operation is completely silent.
If no movement is detected, the camera will power down and remain in standby mode.

Night Mode

The light sensor will automatically switch the camera between day and night mode. In night mode the infrared lamps will illuminate the subject when the camera is activated.

Note: The infrared illumination is invisible. Images and video captured under infrared illumination will be in black and white.
Reminder: Batteries will drain more quickly when operating in night mode. It is recommended to insert a full set of new 8 x AA batteries if you intend to set the camera for extended night time recording.

Playback

Viewing your recordings

Images and videos will be stored onto the memory Card.
Images are stored as .jpg files. Video recordings are stored in .AVI format.

Viewing mode

With the memory card inserted, switch to TEST mode.
Press the E button to enter viewing mode.
Use the ▲ and ▼ buttons to scroll through your recordings.
For videos files, press the E button to play and stop the video playback.

Deleting files

When in viewing mode, select the file to delete.
Press the M button.
Select Delete and choose to Delete the Current file or Delete All files.
Press E and select Cancel or confirm OK to delete the file(s).

Press ◄ to exit viewing mode.

Download Files

Files can be downloaded to your computer in one of two ways:
● connect the USB cable between the camera and the USB connection of your computer; or
● remove the card from the camera and insert into card a reader.

Files are stored on the memory card in the folder named \DCIM\100MEDIA
Simply drag and drop files from the card folder into a folder on your PC.
Video files can be played on most multimedia devices, such as Windows Media Player, Quick Time, etc.
Files on the memory card can be deleted from your PC.

FAQs

Important information

- Do not submerse the unit in water. Although the unit is waterproof and dust resistant to IP66 ratting, 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 all batteries and the memory card. Leave the device for a few minutes. Reinsert the memory card followed by new batteries. Switch to TEST mode.

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 in Test mode. If the card icon is not displayed, power OFF the device and remove the memory card. Carefully reinsert the memory card and switch to TEST mode. 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 micro-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, the camera unit can be accessed using the password “pass” Turn on the camera to the TEST position. For the password, enter “pass” and then press the "E" key once. Then navigate to the Password set option to will see your original password.

Technical specifications

Image sensor	1/4.5" CMOS 2MP
Camera angle	horizontal: 96°/ vertical: 68°
Display	2” (5.08 cm) IPS LCD display
Video resolution	1080FHD (1920 ×1080), 720P (1280 ×720)
Photo resolution	16MP(4640x3488 interpolated), 12MP(4032x3024 interpolated), 8MP(3264x2448 interpolated), 5MP(2592x1944 interpolated), 3MP(2048x1536 interpolated), 2MP(1920x1080), 1.3MP(1280x960)
Video length	10s, 20s, 30s, 1min, 2min, 3 min
File format	JPG/AVI
Lens	f=3.6mm, F/NO2.0, FOV=120°, Auto IR filter
IR	38x IR LEDs (no glow 940nm), ~5m range
PIR	120° viewing angle
Triggering distance	~8m (below 25°C at the Normal Level)
Triggering time	0.3 seconds
Operate interval	[5s] / [10s] / [20s] / [30s] / [1min] / [5min] / [10min] / [30min] / [60min]
Timer	On/Off
Shooting numbers	1,2,3
Effectiveness	Daytime: 1m up to infinite, Night time: up to 5m
Periodic shot	Time Lapse 5 second up to 24 hours
Auto-distinguish images	Color images in daytime/black & white night images
PC interface	USB
Memory	External: MicroSD** card (up to 128GB, Class10) [**not included in delivery]

File size	Night; B/W: 15-45MB/min (32GB = 17 hours continuous[1] recording) Day; colour: 65-215MB/min (32GB = 3.5 hours continuous[1] recording)
Power supply	8x AA batteries* (*included); external 6V power supply** (**not included) at least 2A (hollow plug 3.5x1.35mm)
Working time	Up to 4 months (or up to 3h of continuous[1] recording - mixed day & night) depending on the usage and motion triggers
Standby time	~8 months, depending on settings and used battery quality
Lockable / Password protection	Optional / 4-digit numbers or letters
Working temperature	-20°C up to +50°C
Protection class	IP66
Material	ABS
Weight & Dimensions	253g (without batteries) / (L) 13.6 x (W) 10.0 x (H) 6.4cm
Package contents	Wildcam 720p TX-255, USB cable, Mounting belt, 8x AA batteries, User Manual

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

Support

Service phone No. for technical support: **01805 012643*** (14 cent/minute from German fixed-line and 42 cent/minute from mobile networks). Free Email: **support@technaxx.de**
The support hotline is available Mon-Fri from 9am to 1pm & 2pm to 5pm

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

Care and maintenance

Clean the device only with a dry or slightly damp, lint-free cloth.
Do not use abrasive cleaners to clean the device.
This device is a high-precision optical instrument, so in order to avoid damage, please avoid the following practice:
●Use the device in ultra-high or ultra-low temperature.
●Deliver or use it in strongly shocking environment.

Declaration of Conformity

Technaxx Deutschland GmbH & Co. KG hereby declares that the equipment type TX-255 Prod. ID.:5087 is in compliance with Directive 2014/30/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:
Technaxx Deutschland GmbH & Co. KG
Konrad-Zuse-Ring 16-18,
61137 Schöneck, Germany

Wildcam 720p TX-255

Model: TX-255 Article No. 5087, 11/2026