

Technaxx® * User Manual

Mini FullHD Cam TX-136

The Declaration of Conformity for this device is under the Internet link: **www.technaxx.de/** (in bottom bar "Konformitätserklärung"). Before using the device the first time, please 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**

This device has a rechargeable battery. It must be fully charged before first use. NOTE: Charge the battery of the device every 2–3 month if it is not used!

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

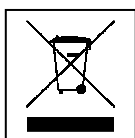
Enjoy your product. Share your experience and opinion on one of the well-known internet portals.

Features

- Very small FullHD camera with 1MP CMOS sensor, clip, magnet & wall holder (allow mounting on many surfaces)
- Built-in magnet allows mounting on many metal surfaces
- Night vision with 6 invisible infrared LEDs
- Supports cycle recording (once the memory is full, the oldest video files will be overwritten to store the newest video files)
- Motion detection (~3m)
- Storage of files on MicroSD* card up to 32GB class 10 (*not included)
- 3 modes: video recording (1080p, 720p), automatic photo shoot by interval (5–60 seconds), motion detection
- 2 video resolutions: FullHD (1920x1080P) or HD (1280x720p) at 30fps
- Powered by rechargeable 300mAh battery for ~90 minutes of video recording
- Actioncam and spycam in one device

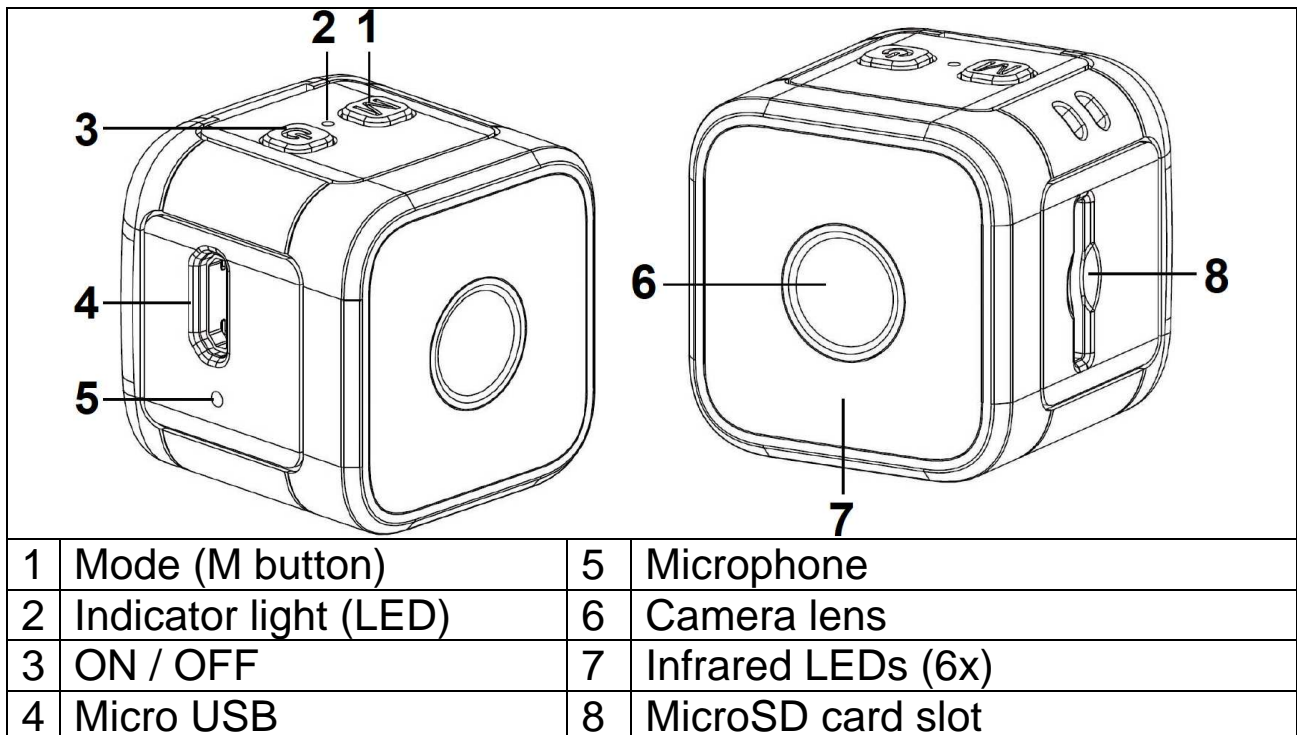
Technical specifications

Sensor / Viewing angle	1/3" CMOS 1MP (H62) / 120°
Video resolution	1920x1080 (interpolated), 30fps 1280x720, 30fps
Modes	Video (loop recording), Automatic photo (5–60 seconds), Motion detection
Photo format	JPEG, 10MP (3648x2736)
Video format	AVI, MJPG (compression)
Video length	max. 5 minutes (new file every 5 min.)
Recording time	~90 min. (day) or ~45 min. (night)
Recording size	1080p: ~150MB/min; 720p: ~130MB/min
Power consumption at recording	Day 110mAh / Night 230mAh
Motion detection	Detection range 2–3m
Night vision	6x IR LED, 940nm (non visible), up to 4m
Connection	Micro USB (charging & data transfer)
External memory	MicroSD* card up to 32GB class 10 (*not included)
Power source	Built in rechargeable 300mAh battery lithium-ion 3.7V
Charging time	~2–3 hours (use power adapter* DC 5V/1A, *not included)
Operating systems	Windows 7/8/8.1/10, Mac 10.5 or above
Working temperature	–10°C up to +45°C
Storing temperature	–20°C up to +55°C
Weight / Dimensions	19g / (L) 2.7 x (W) 2.7 x (H) 2.7cm
Package contents	Mini FullHD Cam TX-136, Micro USB charging cable, Back clip, Magnet, Wall holder, User Manual



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

Product view



NOTE: TX-136 is not waterproof! The ON/OFF button up is the right direction for recording!

Getting started

→ Connect the camera with the included Micro USB cable to the PC or to an USB adapter* (DC 5V/1A *not included) or a mobile device like a power bank. The charging indicator flashes RED when camera is OFF. This indicates that the camera is charging. RED light is always on when fully charged. The battery can be fully charged within 2–3 hours. **Note:** It is also possible to record while charging cable is connected. Make sure the power supply delivers 1A or more. Connect a power source (not a PC) and long press the ON/OFF button. Then the BLUE & RED LED will light up. Wait until the blue LED is steady on. Then you can choose the mode by pressing M button. It may not work although the device is connected to the power supply. Just try again.

→→ Insert the MicroSD card correctly into the card holder.

To remove the MicroSD card: Press gently on the end of the memory card, the card will be ejected.

Note:

- The camera is not equipped with built-in memory. Insert a pre-formatted memory card before use.
- Format MicroSD card with max. 32GB to FAT32. Normally MicroSD cards are formatted when you buy them.

→→→ Long press (2 seconds) the ON/OFF button, the indicator light turns BLUE. Device is turned on and waits for mode to be chosen.

To turn off: Long press the ON/OFF button for 5 seconds the indicator light turns off. The device is powered off.

→→→→ The correct positioning of the camera is to have the ON/OFF button always on the top. The video and photo recordings have the correct orientation.

Modus (indicator lights)

LED	Meaning
RED & BLUE light flash rapidly for 5 seconds and device shuts down	→ low battery power → no memory card
RED light flashes	charging
RED light always on with charging cable inserted	fully charged
BLUE light	Video mode
RED light	Photo mode
RED & BLUE light	Motion detection

Settings

Camera settings (time stamp, resolution, lag of 5–60 seconds) are done with a file which is saved to the MicroSD card. This should be done before using the device.

Time Modification

→ Turn on the camera. The BLUE LED turns on. Meanwhile was a text file created on the MicroSD.

→→ Connect the camera with the Micro USB cable with the USB port to your PC (if necessary press the ON/OFF button). Or remove the MicroSD from the camera and attach it to your PC (if necessary use SD card adapter).

→→→ Open the MicroSD path on your PC when it does not open automatically.

→→→→ Double click the time.txt file. It opens with the standard Editor.

→→→→→ Change the date & time. Keep the format only change the numbers! **DD/MM/YYYY HH:MM:SS Y/N**

→→→→→→ You can also change the resolution and the lag in the **Camera Mode Setting**

	Time.txt	Function
Time stamp	DD/MM/YYYY HH:MM:SS Y/N	Y = shown in video and picture N = does not show in video and picture
Resolution	1080p / 720p	Choose between FullHD 1920x1080 and HD 1280x720 resolution for your video recordings
Lag	5–60 seconds	Choose the lag between the automatically taken photos from 5–60 seconds.

Functions

Standby Mode

Standby mode describes the status of the camera where the camera is turned on but no mode is chosen. In standby mode you can switch between the different modes. While switching no records are started.

Video Mode

The resolution (1080p/720p) of the video needs to be chosen by the time.txt file. To activate the video recording long press the ON/OFF button. The red and blue light is ON, and the device starts up. Then the red light turns off and the BLUE light stays on.

The device goes into standby mode. In standby, press ON/OFF once, the BLUE light flashes for 3 times and then turns off. The device starts recording. Video files are saved every 5 minutes. The video file will be saved sequentially until the memory is full. When the memory is full the loop function will delete the oldest file and saves the newest. Press the button ON/OFF once to stop recording and return to the standby mode. The BLUE light is on.

Note: When the device is in standby mode (BLUE light is always on): no operation → it turns off automatically after 1 minute.

Automatic Photo Mode

The lag (5–60 seconds) of the photos need to be chosen by the time.txt file. To activate the automatic photo recording long press the ON/OFF button. The red and blue light is ON and the device starts up. Then the red light turns off, and the blue light stays on. The device goes into standby mode.

Press the M button once, the red light turns on and enters the automatic photo mode. The camera takes one photo every X seconds depending on the lag that is set. To change the mode press the M button. To power off the device hold and press ON/OFF button for 5 seconds.

Motion Detection Mode

The resolution (1080p/720p) of the video needs to be chosen by the time.txt file. To activate the motion detection recording long press the ON/OFF button. The RED and BLUE light is ON, and the device starts up.

Then the red light turns off and the blue light stays on. The device goes into standby mode. Press the M button twice, the red and blue light will flash alternately until they turn off. The motion detection mode is entered and activated. Does the device detect a moving object, the red and blue light will turn off. When the recording has finished the red and blue LED turn on again until new motion is detected.

Video files will save a video every 5 minutes. The video file will be saved sequentially until the memory is full. When the memory is full the loop function will delete the oldest file and saves the newest.

To change the mode press the M button. To power off the device hold and press ON/OFF button for 5 seconds.

Night vision LEDs

The infrared night vision light turns automatically on in dark environment.

Check the file on the computer

Connect the Micro USB cable** (**included) to the computer and device. Either mass storage will open by itself or you have to open it manually. View the stored video/snapshot files. If the camera has not powered itself up while inserting the Micro USB cable, turn the camera on. Press ON/OFF button once.

Now you will see two folders, image folder and video folder. Choose any folders to check the corresponding files.

Warnings

- **The device is not waterproof.**
- Do not attempt to disassemble the device, it may result in short-circuit or even damage.
- Do not drop or shake the device, it may break internal circuit boards or mechanics.
- Keep the device in dry and ventilated environment, avoid high humidity and high temperature. Also batteries should not be exposed to excessive heat or direct sunlight.
- The device will be hot after using for too long time. This is normal.
- Use the accessory provided by our factory.
- **Keep the device away from children.**