

Technaxx TX-189

Technaxx 4G Night Vision Trail Camera TX-189 with 5W Solar Panel

USER MANUAL

Introduction

This manual provides detailed instructions for the setup, operation, and maintenance of your Technaxx 4G Night Vision Trail Camera TX-189, accompanied by a 5W Solar Panel. This system is designed for outdoor surveillance, offering 4G mobile network connectivity, high-definition video recording, advanced night vision, and motion detection capabilities, powered by rechargeable batteries and continuous solar charging.

Package Contents

Verify that all items listed below are present in your package:

- 1x Technaxx 4G Wildcam TX-189 Camera
- 1x 5W Solar Panel
- 1x USB Power Cable
- 1x Antenna
- 3x Screws and Wall Plugs
- 2x Mounting Brackets
- 1x Assembly Fastener (Strap)
- 4x Rechargeable Batteries (Lithium-ion)
- 1x User Manual



Image: All components included in the package, including the camera, solar panel, antenna, cables, mounting hardware, and batteries.

Setup

1. Battery Installation and Charging

The camera operates on 4 Lithium-ion batteries. Ensure these are fully charged before first use. To install:

1. Open the camera housing by unlatching the side clips.
2. Insert the four provided Lithium-ion batteries into the battery compartment, observing correct polarity.
3. Close the housing securely.



Image: A close-up view of the camera's robust latch, which secures the housing.



Image: The battery compartment with four Lithium-ion batteries correctly inserted.

2. SIM Card and MicroSD Card Insertion

For 4G connectivity and local storage:

1. Locate the SIM card slot and MicroSD card slot inside the camera housing.
2. Insert a Nano SIM card (not included) with an active 4G data plan. Ensure the SIM card's PIN is disabled before insertion.
3. Insert a MicroSD card (up to 256GB, not included) for video and image storage.
4. Close the camera housing securely to maintain its IP66 waterproof rating.

3. Antenna Attachment

Screw the provided antenna onto the designated port on the camera for optimal 4G signal reception.

4. Mounting the Camera and Solar Panel

The camera and solar panel can be mounted using the provided strap or mounting brackets.

- **Strap Mounting:** Thread the assembly fastener (strap) through the camera's mounting slots and secure it around a tree or pole.
- **Bracket Mounting:** Use the screws and wall plugs to attach the mounting brackets to a flat surface. Then, attach the camera and solar panel to the brackets.

Position the solar panel in a location that receives maximum direct sunlight throughout the day to ensure continuous charging.



Image: The camera securely mounted to a tree trunk with the included strap.



Image: The camera and its accompanying solar panel mounted together on a tree, connected by a cable.

5. App Installation and Pairing

Download the free "Security Premium" app from your device's app store (iOS and Android compatible). Follow the in-app instructions to pair your camera with your smartphone. This typically involves scanning a QR code on the camera or entering a device ID.

Operating Instructions

1. Powering On/Off

Once batteries are installed and the housing is closed, power on the camera using the designated power button (refer to the camera's internal layout for exact location). The camera will initiate its startup sequence.

2. PIR Motion Detection

The camera features a PIR (Passive Infrared) motion sensor that detects movement up to 12 meters. When motion is detected, the camera will automatically trigger recording or capture images based on your settings. You will receive instant push notifications on your smartphone via the "Security Premium" app.

3. Night Vision

Equipped with advanced night vision technology and 8x IR LED lights, the camera provides clear images and videos up to 15 meters in low-light or complete darkness. The IR lights operate without a visible glow, ensuring discreet surveillance.

4. Remote Access and Live View

Through the "Security Premium" app, you can access a live view from your camera remotely, monitor the area, and adjust settings from anywhere with an internet connection.

5. Two-Way Communication

The integrated microphone and speaker enable two-way audio communication, allowing you to listen in and speak through the camera via the app.

6. Video Recording and Storage

The camera records video in 2560x1440 Full HD resolution at up to 15 frames per second (AVI format). Recordings are stored on the inserted MicroSD card (up to 256GB). You can manage and access recorded footage through the app.

Maintenance

- **Cleaning:** Regularly clean the camera lens and solar panel surface with a soft, damp cloth to ensure optimal performance and charging efficiency. Avoid abrasive cleaners.
- **Battery Care:** While the solar panel provides continuous charging, periodically check the battery status via the app. If the camera is stored for extended periods, ensure batteries are charged to prevent deep discharge.
- **Firmware Updates:** Check the "Security Premium" app or Technaxx website for any available firmware updates to ensure your camera operates with the latest features and security enhancements.
- **Waterproofing:** Always ensure the camera housing is securely latched after accessing the battery, SIM, or MicroSD card compartments to maintain its IP66 weather resistance.

Troubleshooting

- **No Network Connection:**
 - Ensure the Nano SIM card has an active 4G data plan and its PIN is disabled.
 - Check 4G signal strength in the camera's location via the app. Relocate the camera if the signal is weak.
 - Verify the antenna is securely attached.
- **Camera Not Powering On / Short Battery Life:**
 - Confirm batteries are correctly inserted and fully charged.
 - Ensure the solar panel is clean and positioned to receive maximum direct sunlight.
 - Check the connection between the solar panel and the camera.
- **Poor Image/Video Quality:**
 - Clean the camera lens.
 - Ensure sufficient lighting for daytime recording or that night vision is active in low light.
- **Motion Detection Not Triggering:**
 - Adjust PIR sensitivity settings in the app.
 - Ensure there are no obstructions blocking the PIR sensor's field of view.
- **Cannot Download/Play Recorded Videos:**
 - Ensure the MicroSD card is properly inserted and not full.
 - Format the MicroSD card if issues persist (this will erase all data).
 - Check your device's compatibility with AVI video format.

Specifications

Model Name	TX-189
Product Dimensions (L x W x H)	11.7 x 6.5 x 13 cm
Weight	584 Grams
Connectivity Technology	Wireless (4G Cellular)
Video Resolution	2560 x 1440p (Full HD)
Frame Rate	15 frames per second
Video Capture Format	AVI
Optical Sensor Technology	CMOS
Night Vision Range	Up to 15 Meters
PIR Motion Detection Range	Up to 12 Meters
View Angle	100 Degrees
Power Source	Solar Power, 4x Lithium-ion Batteries (included)
Solar Panel Wattage	5 Watts
Ingress Protection Rating	IP66 (Water and Dust Resistant)
Compatible Devices	Smartphone (iOS, Android)
Control Method	Application
Recommended Use	Outdoor Surveillance

Warranty and Support

For warranty information and technical support, please refer to the official Technaxx website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.