Technaxx TX-190

Technaxx Mini WiFi IP Camera TX-190 User Manual

INTRODUCTION

The Technaxx Mini WiFi IP Camera TX-190 is a compact, wireless indoor security camera designed for home surveillance. It features FullHD video resolution, PIR motion detection, night vision, and two-way audio communication. With its integrated rechargeable battery, it offers flexible placement and long operational times. This manual provides essential information for setting up, operating, and maintaining your TX-190 camera.

Image: Technaxx Mini WiFi IP Camera TX-190, showcasing its compact design.

PACKAGE CONTENTS

Please check the package for the following items:

- Mini WiFi IP Camera TX-190
- 1x USB Power Cable (1m)
- 3x Screws and Dowels
- Tripod
- User Manual (short version)

Image: All items included in the Technaxx TX-190 package.

SPECIFICATIONS

Feature	Value
Image Sensor	CMOS 3 MP 1/3"
Lens	F = 3.6 mm, Fixed Focus
Minimum Illumination	Color mode: 1 lux; Night mode: 0.01 lux with 2 IR LEDs
Video Resolution	HD (2304 x 1296)
Frame Rate	15 fps
Video Format	.TS
WiFi	2.4 GHz 802.11b/g/n
WiFi Security / Distance	WPA2 / max. 15 m

Feature	Value
Max Radiated Output Power	100 mW
MicroSD Card Support	Up to 128 GB (FAT32/exFAT), Class 10
PIR Motion Detection Distance / Angle	~8 m (open space) / 120°
PIR Trigger Time	0.2 s
Power Consumption (Normal / Standby)	≤ 2 W / ≤ 0.1 W
External Charger	DC 5 V/1 A (not included)
Battery	Integrated 3.7 V, 3200 mAh Lithium Polymer
Operating Time	Up to 15 days (or up to 7 hours continuous recording)
Standby Time	Up to 30 days
Charging Time	Up to 5-7 hours (with DC 5 V/1 A adapter)
Weight / Dimensions (L x W x H)	120 g / 6.6 x 4.8 x 4.8 cm
App Compatibility	Security Premium App: iOS 13.0+, Android 10.0+
Model Number	4989
ASIN	B0BP883GYS

SETUP GUIDE

1. Charging the Camera

Before initial use, fully charge the camera's integrated 3200 mAh battery. Connect the provided USB power cable to the DC 5V port on the camera and to a 5V/1A USB power adapter (not included). The charging process can take up to 5-7 hours.

2. Inserting a MicroSD Card

For local video storage, insert a MicroSD (HC/XC) card (up to 128GB, FAT32/exFAT, Class 10) into the TF Card slot. Ensure the camera is powered off before inserting or removing the card.

Image: Top view of the camera, highlighting the TF Card slot, Reset button, and DC 5V port.

3. App Installation and Account Creation

Download the **"Security Premium"** app from your smartphone's app store (compatible with iOS 13.0+ and Android 10.0+). Follow the in-app instructions to create an account and register your device.

4. Connecting to Wi-Fi

Power on the camera. Open the "Security Premium" app and follow the prompts to add a new device. The app will guide you through connecting the camera to your 2.4 GHz Wi-Fi network. Ensure your camera is within 15 meters of your Wi-Fi router for optimal connection.

5. Mounting the Camera

The camera can be placed on a flat surface using the included tripod or mounted to a wall using the provided screws and dowels. Choose a location that provides the desired viewing angle (100° horizontal, 62° vertical) and is within range of your Wi-Fi network. The camera is designed for indoor use.

Image: Camera mounted on a wall, demonstrating installation flexibility.

Image: Another view of the camera mounted, showing its discreet integration into a room.

OPERATING INSTRUCTIONS

Live View

Open the "Security Premium" app and select your TX-190 camera from the device list to access the live video feed. You can monitor your space in real-time.

Recording and Playback

The camera automatically records when motion is detected (PIR). Recordings are saved to the inserted MicroSD card. Use the app's playback function to review recorded footage. The video resolution is 2304 x 1296 at 15 fps.

Motion Detection (PIR)

The integrated PIR sensor detects motion up to approximately 8 meters with a 120° angle. When motion is detected, the camera will automatically begin recording and can send notifications to your smartphone via the app. Adjust sensitivity settings within the app if needed.

Night Vision

The camera features 2 infrared LEDs for night vision, which activate automatically in low-light conditions. This provides clear visibility up to approximately 5 meters in the dark.

Two-Way Audio

Utilize the built-in microphone and speaker for two-way communication through the app. This allows you to listen in on your environment and speak through the camera.

MAINTENANCE

Cleaning

Wipe the camera's exterior with a soft, dry cloth. Do not use liquid cleaners or aerosols, as they may damage the device. Keep the lens clean for optimal image quality.

Battery Care

To prolong battery life, avoid exposing the camera to extreme temperatures. Recharge the battery when the low battery indicator appears in the app. If storing the camera for an extended period, charge it to about 50% and recharge every few months.

Software Updates

Periodically check the "Security Premium" app for available firmware updates for your camera. Keeping the firmware updated ensures optimal performance and security.

TROUBLESHOOTING

Camera Not Connecting to Wi-Fi

- Ensure your Wi-Fi network is 2.4 GHz. The camera does not support 5 GHz Wi-Fi.
- Verify the Wi-Fi password is entered correctly in the app.
- Place the camera closer to your Wi-Fi router (within 15 meters).
- Restart your router and the camera.
- If connection issues persist, try resetting the camera using the RST button (requires a pin) and attempt the setup process again.

Password Change Loop During Setup

Some users have reported an issue where the app enters a loop when attempting to change the camera's password during initial setup. If you encounter this, try the following:

- Ensure the app is updated to the latest version.
- Try a simpler password initially, then change it after successful setup if possible.
- Perform a factory reset on the camera using the RST button and retry the setup.
- If the issue persists, contact Technaxx customer support for further assistance.

No Recording or Playback Issues

- Check if a MicroSD card is properly inserted and formatted (FAT32/exFAT).
- Ensure the MicroSD card is not full. Back up important footage and format the card if necessary.
- Verify that motion detection recording is enabled in the app settings.

Poor Image Quality

- Clean the camera lens with a soft cloth.
- Ensure there is adequate lighting in the environment, especially during the day.
- Check your Wi-Fi signal strength; a weak signal can affect streaming quality.

WARRANTY AND SUPPORT

Technaxx products are designed for reliability and performance. This product comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package or visit the official Technaxx website for detailed warranty terms and conditions.

For technical support, troubleshooting assistance, or inquiries regarding your Technaxx Mini WiFi IP Camera TX-190, please contact Technaxx customer service. Contact details can typically be found on the official Technaxx website or in the product packaging.