Topcony TY10HB

Topcony Outdoor WiFi Camera User Manual

Model: TY10HB

1. PRODUCT OVERVIEW

The Topcony Outdoor WiFi Camera is a sophisticated surveillance device designed to provide comprehensive security for your home or property. Featuring advanced AI human detection, 360-degree pan and tilt capabilities, 1080P Full HD resolution with color night vision, and two-way audio, this camera ensures you stay connected and protected.

Image: The Topcony Outdoor WiFi Camera, showcasing its sleek design and a smartphone displaying its live monitoring capabilities.

Key Features:

- **Enhanced AI Human Detection:** Reduces false alarms by accurately distinguishing human movement from other objects.
- **360° Coverage with Auto Tracking:** Offers 355° horizontal and 90° vertical rotation, automatically tracking detected motion to eliminate blind spots.
- **1080P Full HD Color Night Vision:** Provides clear, high-definition images day and night with three night vision modes (infrared, color, and smart).
- **Dual 5dBi Antennas:** Ensures stable 2.4GHz Wi-Fi connectivity for reliable performance.
- **Two-Way Audio:** Built-in microphone and speaker allow for real-time communication and siren activation.
- **24/7 Recording & Multi-User Sharing:** Supports continuous recording to an SD card (up to 128GB, not included) and allows multiple users to view the camera feed.
- **Multi-Device Compatibility:** Supports viewing on phones, computers, and tablets, compatible with ONVIF/RTSP/FTP/NVR.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

Image: All components included in the Topcony Outdoor WiFi Camera package, laid out for inspection.

- 1 x Topcony External Wi-Fi Camera
- 1 x 3-meter Power Charger
- 1 x LAN Cable
- 4 x Screws
- 4 x Wall Plugs
- 1 x Waterproof Case for Network Cables
- 1 x User Manual
- 1 x Screwdriver

3. SETUP GUIDE

3.1 Mounting the Camera

Choose a suitable outdoor location for mounting the camera, ensuring it has a clear view of the area you wish to monitor and is within Wi-Fi range. Use the included screws and wall plugs to securely attach the camera to a wall or ceiling. The

camera is designed for outdoor use and is waterproof (IP66 rated).

Image: The camera mounted on an exterior wall, illustrating its 355-degree pan and 90-degree tilt capabilities for comprehensive area monitoring.
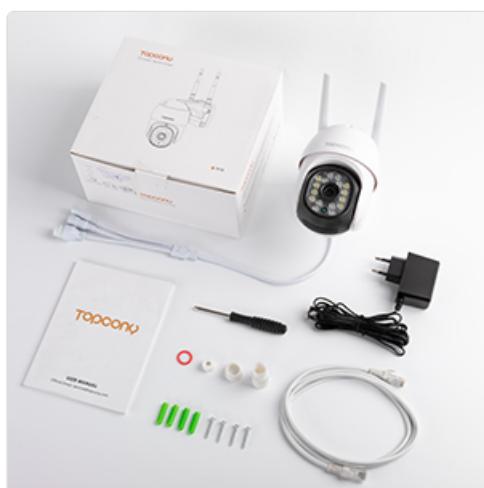
Image: The camera installed outdoors, demonstrating its IP66 waterproof rating, capable of withstanding various weather conditions.

3.2 Power and Network Connection

Connect the camera to the power supply using the provided 3-meter power charger. For network connection, you have two options: Wi-Fi or wired Ethernet.

- **Wi-Fi Connection:** Ensure your Wi-Fi network is 2.4GHz. The camera's dual 5dBi antennas enhance signal stability.
- **Ethernet Cable Connection:** Use the provided LAN cable for a stable wired connection.

Image: Close-up view of the camera's wired connections, including the power port, Ethernet cable interface, and reset button.
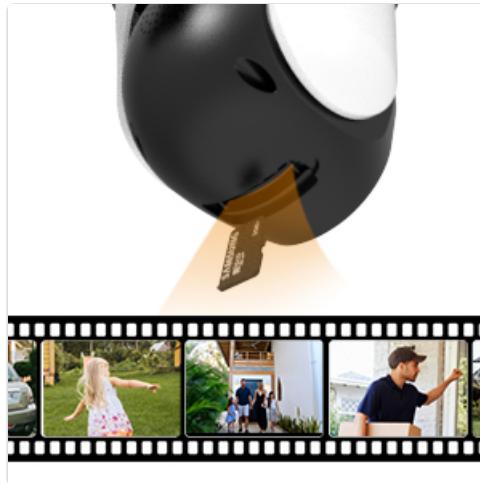

Image: Diagram illustrating the two connection options for the camera: wireless Wi-Fi and wired Ethernet cable.

4. OPERATING INSTRUCTIONS

4.1 App Installation and Initial Setup

Download the "CamHipro" or "CamHi" app from your device's app store. Follow the in-app instructions to add your camera. This typically involves scanning a QR code on the camera or manually entering its ID.

4.2 Live View and PTZ Control

Once connected, you can access the live feed from your camera. Use the on-screen controls within the app to pan (355° horizontal) and tilt (90° vertical) the camera remotely, ensuring no blind spots in your monitoring area. You can also set up preset monitoring points for quick navigation.

Image: A smartphone screen showing the live camera feed with on-screen controls for panning and tilting the camera.

Image: An outdoor scene with highlighted areas indicating various preset monitoring points that can be configured for the camera.

4.3 Motion Detection and Auto Tracking

The camera features advanced AI human detection to minimize false alarms. When motion is detected, the camera can automatically track the moving object and send real-time alerts to your phone via the app. You can configure sound and light alarms to deter intruders.

Rilevamento intelligente del movimento umano AI

Allarme AI in tempo reale e identificare l'uomo dagli altri oggetti

Camera   now
Human Recognition Warning
SSAH-215472-DEEAB

Image: A child playing near a pool, with an overlay showing the camera's AI human detection identifying the person and triggering an alert notification.

Tracciamento automatico

Tracciamento automatico a tutto tondo
Punti di monitoraggio preimpostati
(fino a 8)

Image: Two figures, one appearing to be an intruder, demonstrating the camera's automatic tracking feature as it follows their movement.
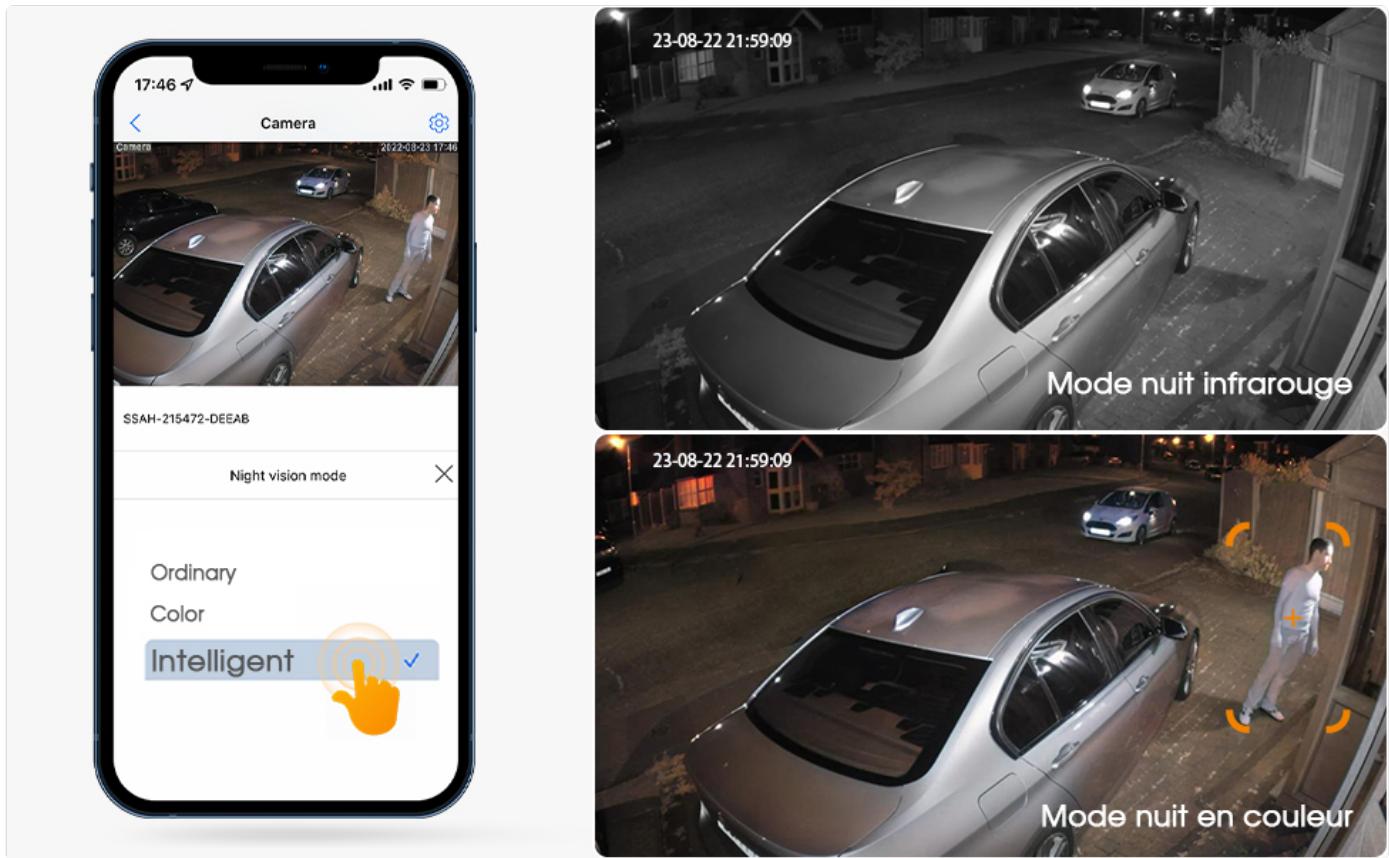
Image: An illustration of the camera's automatic tracking and sound-light defense system activating when an intruder is detected, showing sound warnings, sound and light warnings, and email notifications.

4.4 Night Vision Modes

The camera offers three night vision modes:

- **Infrared Mode:** Standard black and white night vision.
- **Color Mode:** Utilizes built-in white lights to provide full-color images in low light.
- **Smart Mode:** Automatically switches between infrared and color mode based on detected motion.

Visione notturna a colori 1080P FHD

Dare una visione chiara come di giorno
Distanza fino a 30 metri

Image: A night scene demonstrating the camera's 1080P Full HD color night vision, illuminating a driveway and car with clear detail.

Connexion sans fil WI-FI

Connexion par câble Ethernet

Image: A smartphone screen showing the option to select different night vision modes (Ordinary, Color, Intelligent) within the camera app, with examples of infrared and color night views.

4.5 Two-Way Audio

The integrated microphone and speaker enable two-way communication. You can speak to visitors or deter unwanted guests directly through the camera using the app.
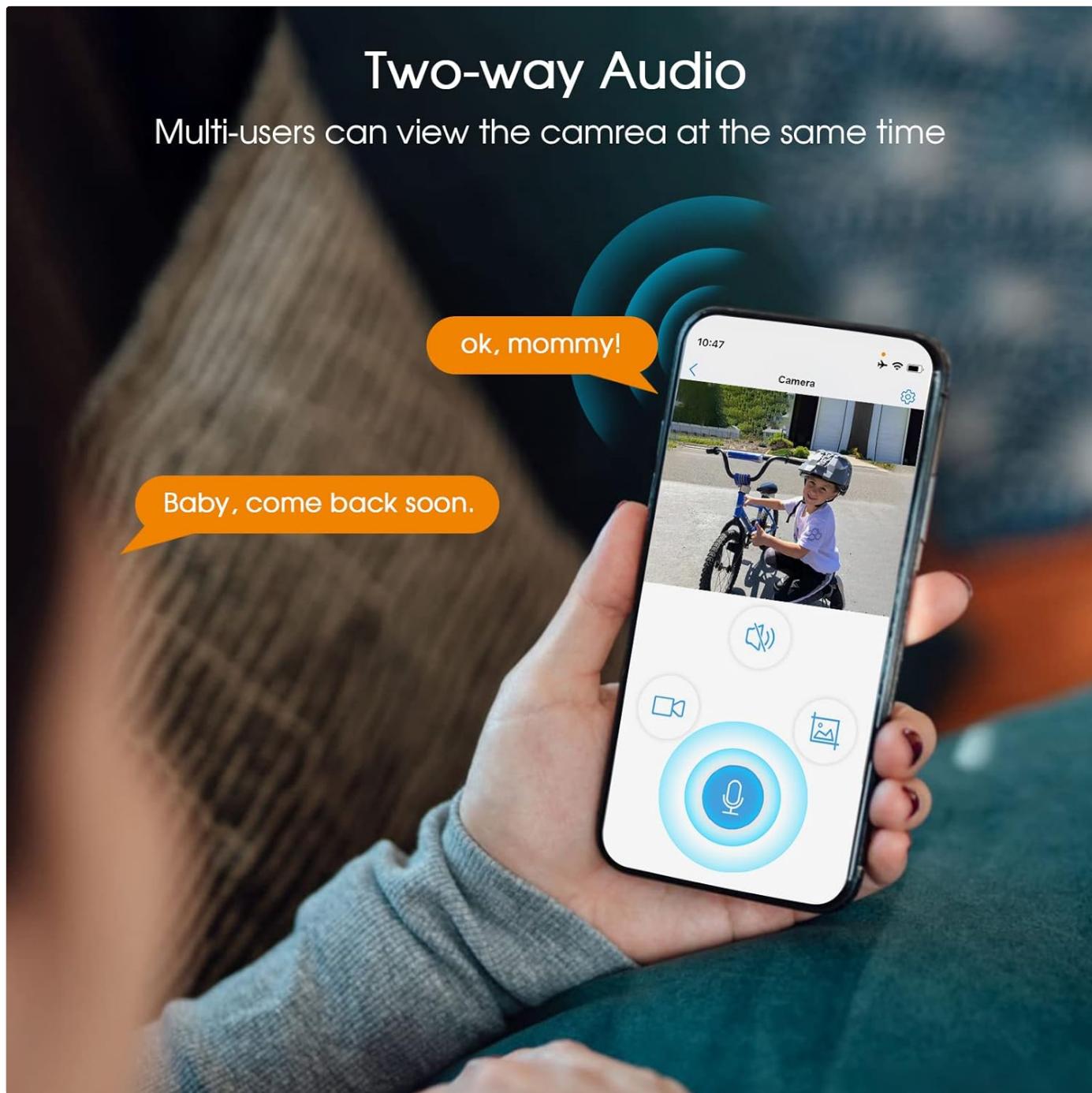
Image: A hand holding a smartphone displaying the camera's live feed, with speech bubbles indicating two-way audio communication.

4.6 Recording and Playback

The camera supports 24/7 continuous recording to a local SD card (not included, up to 128GB). You can also configure event-triggered recording. Review recorded footage directly from the app at any time.

Registrazione 24/7 e registrazione di eventi

Quando la memoria della scheda SD è piena,
la telecamera sovrascrive automaticamente i video in loop
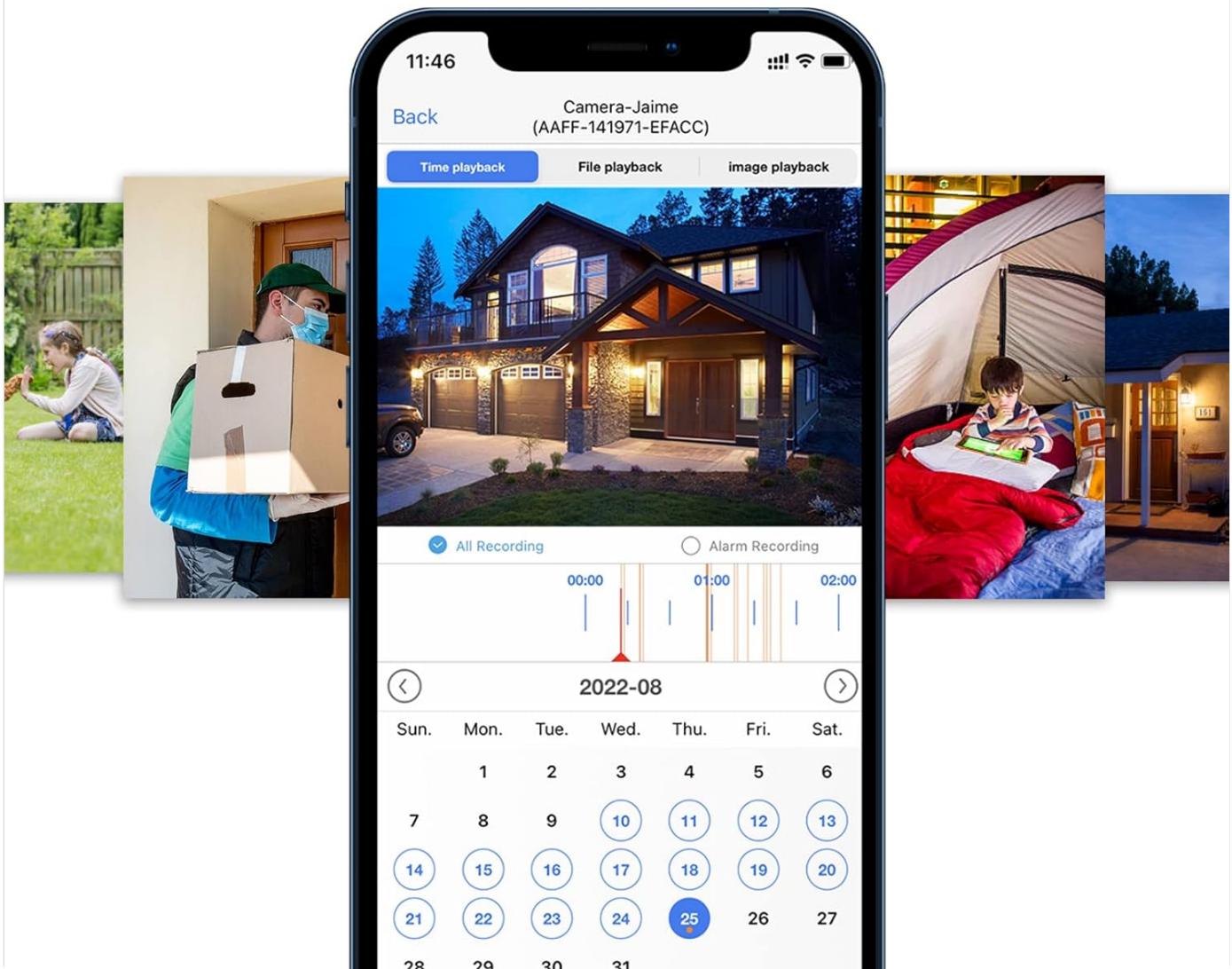
Image: A smartphone screen showing the camera's recording interface, including a timeline for 24/7 recording and options for playback of recorded events.
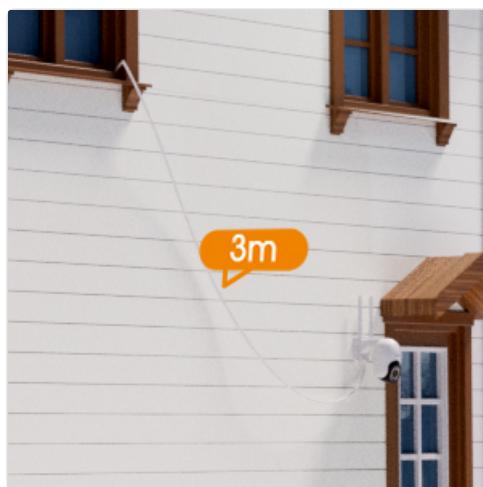
Image: A close-up view of the camera's underside, highlighting the micro SD card slot for local storage of recordings.

5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your Topcony camera.

- **Cleaning:** Periodically wipe the camera lens and body with a soft, damp cloth to remove dust and dirt. Avoid using harsh chemicals or abrasive materials.
- **Firmware Updates:** Check the CamHipro/CamHi app regularly for available firmware updates. Keeping your camera's firmware up-to-date ensures you have the latest features and security enhancements.
- **Power Supply:** Ensure the power adapter and cable are not damaged and are securely connected.
- **Network Connection:** Verify your Wi-Fi signal strength periodically, especially if you experience connectivity issues. Consider repositioning your router or camera if the signal is weak.

6. TROUBLESHOOTING

If you encounter issues with your Topcony camera, refer to the following common problems and solutions:

Problem	Possible Cause / Solution
Camera offline / Cannot connect to Wi-Fi	- Ensure the camera is powered on. - Check if your Wi-Fi network is 2.4GHz (5GHz is not supported). - Verify Wi-Fi password is correct. - Move the camera closer to the router or use an Ethernet cable. - Reset the camera using the reset button (refer to Section 3.2).
Poor image quality	- Clean the camera lens. - Ensure sufficient lighting, especially at night. - Check your internet connection speed.
Frequent false alarms	- Adjust motion detection sensitivity in the app. - Ensure AI human detection is enabled. - Define specific detection zones to exclude irrelevant areas.
Two-way audio not working	- Check microphone and speaker settings in the app. - Ensure volume is not muted on your device or in the app. - Verify network stability.
SD card not recording	- Ensure the SD card is inserted correctly. - Format the SD card through the app. - Check if the SD card is full (camera overwrites automatically, but check for errors). - Use a compatible SD card (up to 128GB).

7. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	TY10HB
Video Recording Resolution	1080p
Effective Video Resolution	1080 Pixels
Color	White
Wireless Communication Technology	Wi-Fi (2.4GHz only)
Material	Plastic
Voltage	12 Volts
Power	24 Watts
Dimensions (L x W x H)	19.2 x 18 x 12 centimeters
Water Resistance Level	Waterproof (IP66)
Special Features	Outdoor/Indoor Security, 360° PTZ, Two-Way Audio, Color Night Vision, AI Human Detection, Auto Tracking
Zoom Type	Digital Zoom
Recommended Product Uses	360° PTZ, Two-Way Audio, Color Night Vision, AI Human Detection, Auto Tracking
Compatible Devices	Phone/Computer/iPad
Power Source	Electric Cable
Controller Type	CamHipro/CamHi APP & Hip2p Software
Mounting Type	Wall Mount

8. WARRANTY AND SUPPORT

8.1 Warranty Information

Topcony adheres to a philosophy of high quality and comprehensive service. We offer 12 months of service after purchase, ensuring peace of mind for our customers. This includes technical support and product exchange where applicable.

8.2 Customer Support

For any inquiries, technical assistance, or support needs, please contact us through the following channels:

- **Official Topcony Email:** Refer to the contact information provided in this manual or on the official Topcony website.
- **Facebook:** Search for the Facebook ID "Topcony" to find our official page and connect with our support team.