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› **Topcony 3600 Human Detection Security Camera Outdoor, Auto Tracking CCTV Camera with 1080P Color Night Vision, Wireless WiFi PTZ Home Security Wired Camera,IP66,2-Way Audio, Phone/PC (TY10BKV3) User Manual**

Topcony TY10BK

Topcony 3600 Human Detection Security Camera User Manual

Model: TY10BK

Introduction   Product Overview   Setup   Operating
Instructions   Maintenance   Troubleshooting   Specifications   Warranty & Support

1. INTRODUCTION

Thank you for choosing the Topcony 3600 Human Detection Security Camera. This manual provides detailed instructions for the installation, operation, and maintenance of your new security camera. Please read this manual thoroughly before use to ensure proper functionality and to maximize the benefits of your device. This camera is designed to provide comprehensive outdoor surveillance with advanced features such as AI human detection, auto-tracking, and versatile night vision modes.

2. PRODUCT OVERVIEW

2.1 Package Contents

Upon opening the package, please verify that all components are present and in good condition:

- Topcony 3600 Security Camera
- Power Adapter
- Mounting Screws and Wall Plugs
- Ethernet Cable
- User Manual
- Waterproof Kit for Ethernet Cable (if applicable)

Image: Contents of the Topcony security camera package, including the camera, power adapter, mounting hardware, and cables.

2.2 Key Features

- **AI Humanoid Detection:** The camera can accurately distinguish human motion from other objects, significantly reducing false alarms caused by animals, leaves, or insects. Customizable alarm sounds and detection sensitivity are available.

Smart AI Human Motion Detection
AI Real-time alarm & Indentify human from other objects

Camera now
Human Recognition Warning
SSAH-215472-DEEAB

Image: Illustration of the AI Humanoid Detection feature, showing the camera identifying a person and sending a warning notification.

- **3600 Coverage & Auto-tracking:** Remotely control the camera's rotation (3550 Pan, 900 Tilt) via the mobile application. The auto-tracking function allows the camera to follow detected human movement. Up to 8 preset monitoring points can be configured for quick access to specific areas.

Image: The camera's pan and tilt capabilities are shown with arrows indicating 355 degrees horizontal rotation and 90 degrees vertical tilt, controlled via a smartphone app.

- **1080P FHD Color Night Vision:** Equipped with 8 infrared LEDs and 8 white LEDs, providing clear vision up to 30 meters in low light. Choose from three night vision modes: full color, infrared, or smart mode.

1080P FHD Color Night Vision

Distance up to 30 meters
Giving you a clear view as in the daytime

Image: A security camera mounted on a building illuminates a dark driveway and car, demonstrating its 1080P Full HD color night vision capability.

- **Two-way Audio:** Built-in noise-resistant microphone and speaker enable real-time communication through the camera.

Image: A hand holding a smartphone showing the camera's live view with speech bubbles indicating two-way audio communication.

- **24/7 Recording & SD Card Storage:** Supports continuous recording and event-triggered recording. Alarm videos are typically 15 seconds long. Recordings can be saved to a Micro SD card (up to 128GB, not included). The camera supports loop recording, overwriting older footage when the card is full.

24/7 Recording and Event Recording

When Your Micro SD card storage is full
CCTV camera will automatically overwrite the video in a loop
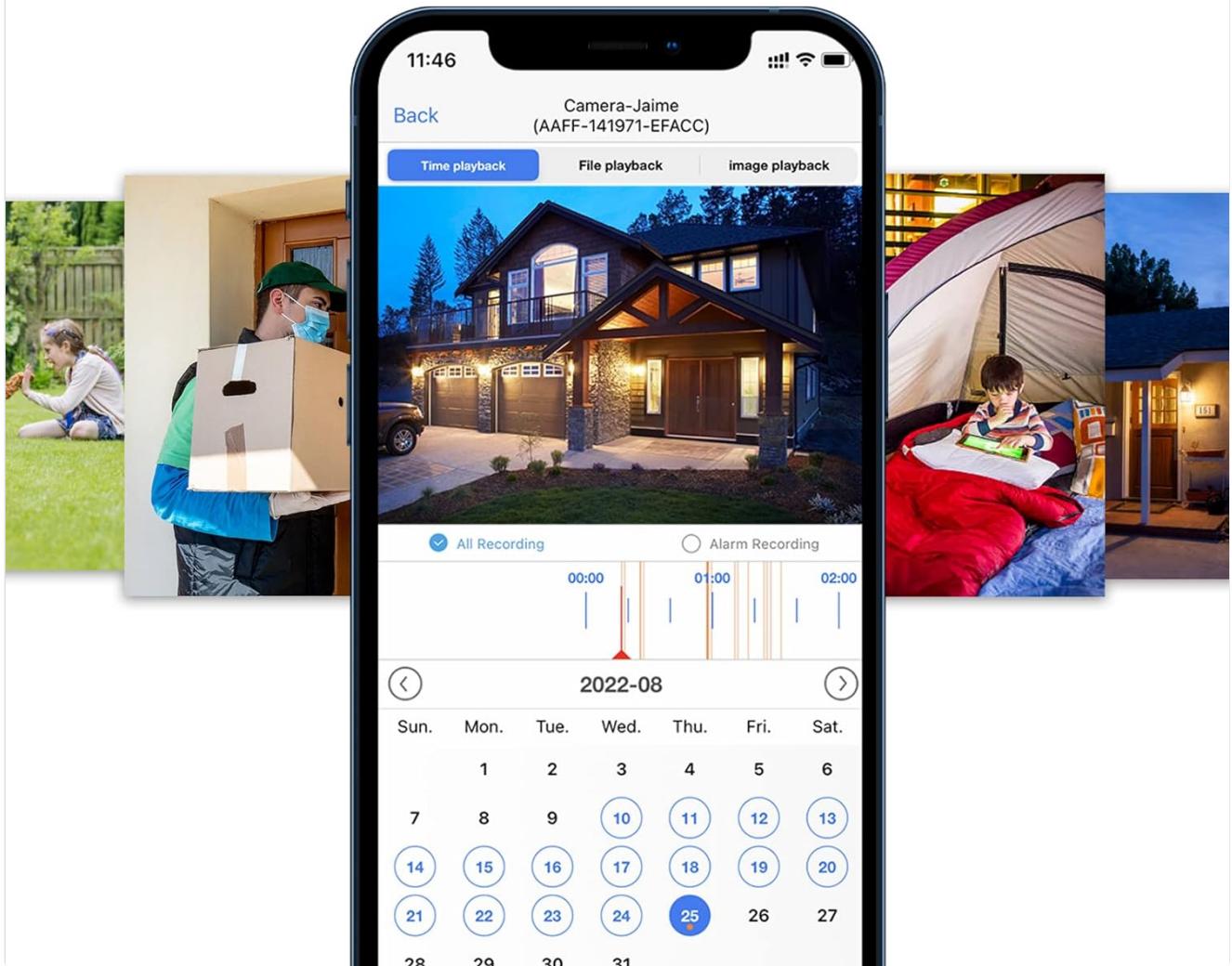
Image: A smartphone screen displaying the camera's recording interface, showing a timeline for 24/7 recording and options for event playback.

- **Enhanced Connectivity:** Features an enhanced 5dBi antenna for stable 2.4GHz WiFi connection over longer distances. Also supports wired Ethernet connection for maximum reliability. (Note: Does not support 5G WiFi).

Image: The camera mounted on a wall, highlighting its dual antennas and indicating stable 2.4GHz WiFi connectivity.

- **IP66 Weatherproof:** Designed to withstand various outdoor weather conditions, ensuring reliable operation year-round.

Image: The camera is shown being exposed to rain, demonstrating its IP66 weatherproof design for outdoor use.

3. SETUP GUIDE

3.1 Physical Installation

1. **Choose a Location:** Select an outdoor location that provides the desired viewing angle and is within range of your 2.4GHz Wi-Fi network or an Ethernet connection point. Ensure the location allows for power cable access.

2. **Mounting:** Use the provided mounting template (if included) or mark the drill holes using the camera's base. Drill holes, insert wall plugs, and secure the camera using the provided screws. Ensure the camera is firmly attached.

3. **Power Connection:** Connect the power adapter to the camera's power port and plug it into a suitable outdoor power outlet. If the power cable is not long enough, a weather-rated extension cord may be required.

4. **Network Connection (Optional Ethernet):** If using a wired connection, connect an Ethernet cable from your router

to the camera's Ethernet port. Ensure the waterproof cap is securely fastened over the Ethernet connection.

Image: A visual representation of the camera's connectivity options, supporting both WiFi wireless and Ethernet cable connections.

5. **Micro SD Card Insertion:** Locate the Micro SD card slot (usually under a protective cover or on the bottom of the camera). Insert a Micro SD card (up to 128GB, not included) with the contacts facing the correct direction. The camera will format the card upon first use.
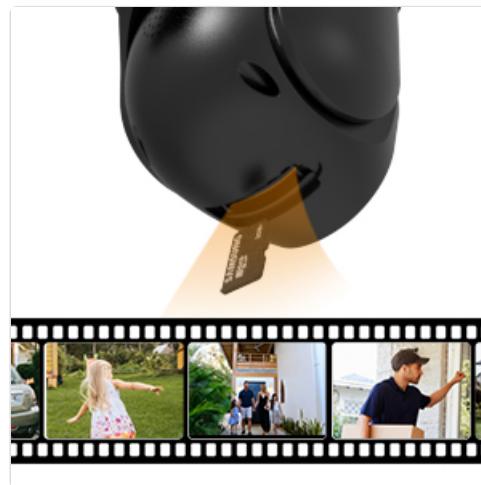

Image: A close-up view of the camera's Micro SD card slot, indicating where to insert the memory card for local storage.

3.2 App Download and Initial Setup

1. **Download the App:** Search for the recommended app (e.g., "CamHipro" or similar as indicated in the quick start guide) on your smartphone's app store (iOS App Store or Google Play Store).

2. **Register an Account:** Open the app and follow the on-screen instructions to register a new account.

3. **Add Device:** Tap the "Add Device" or "+" icon. Select your camera model or scan the QR code on the camera/packaging.

4. **Network Configuration:** Follow the in-app prompts to connect the camera to your 2.4GHz Wi-Fi network. If using Ethernet, the camera should connect automatically.

5. **Set Password:** Create a strong password for your camera for security purposes.

4. OPERATING INSTRUCTIONS

4.1 Live View and PTZ Control

Once connected, open the app and select your camera to view the live feed. Use the on-screen controls to pan (horizontal) and tilt (vertical) the camera. The camera supports 3550 pan and 900 tilt.

4.2 Preset Positions

You can set up to 8 preset monitoring points. Navigate the camera to a desired position, then use the app's preset function to save that position with a number. To recall a preset, simply select its number.

Image: An illustration demonstrating the ability to set and recall multiple preset monitoring points for comprehensive coverage of an area.

4.3 Night Vision Modes

The camera offers three night vision modes:

- **Full Color Mode:** Utilizes the white LEDs to provide full-color video even in low light conditions.
- **Infrared Mode:** Uses infrared LEDs for black and white video, suitable for discreet monitoring.
- **Smart Mode:** The camera automatically switches between infrared and full-color mode based on detected motion or light conditions.
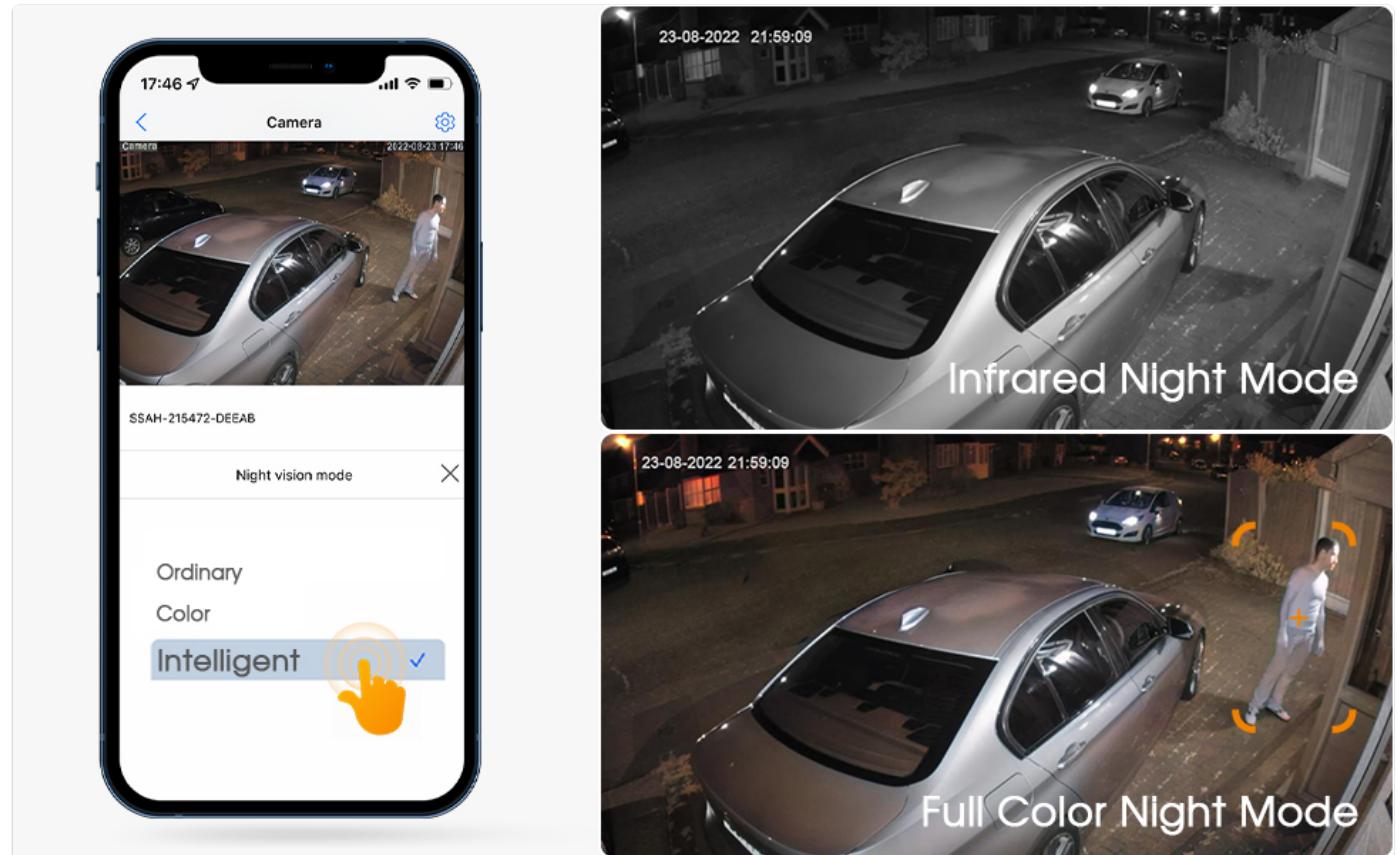

Image: A split image comparing the view from the camera in infrared night mode (monochrome) and full color night mode, showing the difference in clarity and detail.

4.4 Two-Way Audio

Tap the microphone icon in the live view to speak through the camera's speaker. Tap the speaker icon to listen to audio

from the camera's microphone.

4.5 Recording and Playback

The camera supports 24/7 continuous recording to the Micro SD card. Event-triggered recordings (e.g., from human detection) are also saved. Access recorded footage via the app's playback function, typically found on a timeline interface.

4.6 Alerts and Notifications

Configure motion detection and AI human detection settings in the app. When an event is triggered, the camera can send instant notifications to your smartphone, activate a sound alarm, or flash its white LEDs (in smart night vision mode).

Image: An illustration showing the camera's auto-tracking and sound-light defense features, including a sound warning, audible and light warning, and an app notification when an intruder is detected.

4.7 Multi-Device Sharing

The camera supports up to 16 users viewing the live feed simultaneously. You can share access to your camera with family members or trusted individuals through the app's sharing features.

Multi-device Connection

Support smart phone/tablet/PC

Image: A visual demonstrating the multi-device connection capability, showing the camera feed accessible on a smartphone, tablet, and PC simultaneously.

5. Maintenance

- **Cleaning:** Periodically clean the camera lens and housing with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials that could scratch the lens or damage the finish.

- **Firmware Updates:** Check the app regularly for firmware updates. Keeping your camera's firmware up-to-date ensures optimal performance, new features, and security enhancements.

- **SD Card Management:** The camera supports loop recording, automatically overwriting the oldest footage when the SD card is full. If you wish to preserve specific recordings, back them up to another device before they are overwritten.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera offline/Cannot connect to Wi-Fi	Weak Wi-Fi signal; Incorrect Wi-Fi password; Camera too far from router; Router settings (e.g., 5GHz network).	Ensure camera is within 2.4GHz Wi-Fi range. Move router closer or use a Wi-Fi extender. Double-check Wi-Fi password. Reset camera and try re-pairing.
No recording to SD card	SD card not inserted correctly; SD card full; SD card not formatted; Faulty SD card.	Ensure SD card is inserted correctly. Format the SD card via the app. Replace with a new, compatible SD card (up to 128GB).
Frequent false alarms	Motion detection sensitivity too high; Environmental factors (e.g., moving branches, strong light changes).	Adjust motion detection sensitivity in the app. Utilize AI Human Detection feature to filter non-human movements. Adjust detection zones to exclude busy areas.
Poor night vision quality	Lens obstruction; Infrared lights blocked; External light interference.	Clean the camera lens. Ensure no objects are blocking the infrared/white LEDs. Reposition camera to avoid strong light sources directly facing the lens at night.
Auto-tracking not working as expected	Subject too close or moving too fast; Obstructions in tracking path.	Ensure the subject is within optimal tracking distance. Clear any potential obstructions in the camera's field of view.
Cannot hear audio or speak through camera	Microphone/speaker disabled in app; Volume too low; Network issues.	Check audio settings in the app. Ensure phone volume is up. Verify stable network connection.

6.1 Resetting the Camera

If you encounter persistent issues, you may need to reset the camera to its factory settings. Locate the reset button (often a small pinhole) on the camera body. Use a pin or paperclip to press and hold the reset button for approximately 5-10 seconds until you hear a prompt or see an indicator light change. After resetting, you will need to re-add the camera to your app.
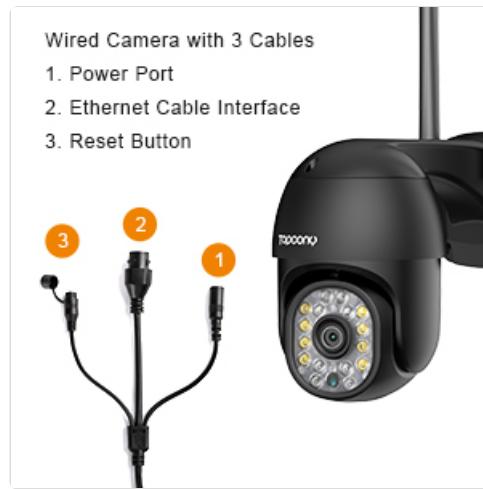
Image: A close-up of the camera's wired connections, highlighting the power port, Ethernet cable interface, and the reset button.

7. SPECIFICATIONS

Feature	Detail
Model Number	TY10BK
Product Dimensions	19.8 x 18 x 12 cm; 780 g
Connectivity Technology	Wireless (2.4GHz Wi-Fi), Wired (Ethernet)
Power Source	Corded Electric (12 Volts)
Indoor/Outdoor Usage	Outdoor
Special Feature	Night Vision (Full Color, Infrared, Smart Modes), AI Human Detection, Auto-tracking, Two-way Audio, PTZ (3550 Pan, 900 Tilt)
Storage	Micro SD Card (up to 128GB, not included)
Weatherproof Rating	IP66

8. WARRANTY & SUPPORT

Topcony products are designed for reliability and performance. For specific warranty details, please refer to the warranty card included with your product or visit the official Topcony website. If you encounter any issues or have questions not covered in this manual, please contact Topcony customer support through the contact information provided on the product packaging or the official brand store. Our team is dedicated to providing assistance and ensuring your satisfaction.
For further assistance, you may also refer to the Topcony Brand Store on Amazon.

Related Documents - TY10BK

Topcony Wireless Security Camera User Manual - Setup, Installation, and FAQs
Comprehensive user manual for the Topcony wireless security camera, covering product introduction, app installation, camera setup, Wi-Fi connection, installation guidelines, safety information, and frequently asked questions.

	[Certificate of Compliance for Cloud Camera - Topcony (Model TY Series)](#) Official Certificate of Compliance issued by MiCOM Labs for the Topcony cloud camera, model series TY, confirming adherence to Japanese radio equipment regulations.
	[Topcony Wireless Security Camera User Manual - Setup, Installation, and FAQs](#) Comprehensive user manual for the Topcony wireless security camera, covering product introduction, app installation, camera setup, Wi-Fi connection, installation guidelines, safety information, and frequently asked questions.
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