Topcony TY10BK

Topcony 3600 Outdoor WiFi Surveillance Camera User Manual

Model: TY10BK

Brand: Topcony

1. Introduction

Welcome to the user manual for your Topcony 3600 Outdoor WiFi Surveillance Camera. This guide provides detailed instructions for setting up, operating, maintaining, and troubleshooting your camera to ensure optimal performance and security for your property. Please read this manual thoroughly before using the product.

2. Product Overview

2.1 Package Contents

Ensure all items listed below are present in your package:

- 1 x Topcony Outdoor Wi-Fi Camera
- 1 x 3-meter Power Adapter
- 1 x LAN Cable
- 4 x Mounting Screws
- 4 x Wall Plugs
- 1 x Waterproof Kit for Network Cables
- 1 x User Manual
- 1 x Screwdriver



Figure 2.1: Contents of the Topcony Camera Package.

2.2 Key Features

Your Topcony surveillance camera is equipped with advanced features for comprehensive security:

- **Enhanced AI Human Detection:** Reduces false alarms by accurately identifying human shapes.
- **3600 Coverage & Auto Tracking:** Offers 3550 horizontal and 900 vertical rotation with automatic tracking of detected motion.
- **1080P HD & Color Night Vision:** Provides clear 1080P images with infrared, color, and smart night vision modes up to 65 feet.
- **5dBi Dual Antenna & Two-Way Communication:** Ensures stable Wi-Fi connection (2.4GHz only) and allows 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 and manage the camera.



Figure 2.2: Topcony 3600 Outdoor WiFi Surveillance Camera.

3. Setup Guide

3.1 Initial Setup

Before mounting, it is recommended to set up the camera near your Wi-Fi router to ensure a stable connection during the initial configuration.

3.2 Powering On

Connect the provided 3-meter power adapter to the camera's power port and plug it into a power outlet. The camera will initiate its self-test, indicated by a rotating motion and indicator lights.

Figure 3.1: Camera Wired Connections (Power, Ethernet, Reset).

3.3 App Installation

Download the **CamHipro** app from your smartphone's app store (iOS App Store or Android Google Play Store). Alternatively, scan the QR code provided in the quick start guide to download the app.

3.4 Network Connection (Wi-Fi/Ethernet)

The camera supports both Wi-Fi (2.4GHz only) and wired Ethernet connections.

- **Wi-Fi Connection:** Open the CamHipro app, follow the on-screen instructions to add your camera, and select the Wi-Fi connection method. Ensure your Wi-Fi network is 2.4GHz.
- **Ethernet Connection:** Connect one end of the LAN cable to the camera's Ethernet port and the other end to your router. The app will automatically detect the camera.



Figure 3.2: Wi-Fi and Ethernet Connection Options.



Figure 3.3: Dual 5dBi Antennas for Stable 2.4GHz Wi-Fi.

3.5 Mounting the Camera

Once configured, choose a suitable outdoor location for mounting. Use the provided screws and wall plugs to securely attach the camera to a wall or ceiling. Ensure the camera has a clear field of view and is within Wi-Fi range if using a wireless connection.



Figure 3.4: Camera Mounted on an Exterior Wall.

4. Operating the Camera

4.1 Pan & Tilt Control

Use the CamHipro app to remotely control the camera's pan (horizontal) and tilt (vertical) movements. The camera offers 3550 horizontal rotation and 900 vertical rotation, allowing you to monitor a wide area without blind spots. You can also set up preset monitoring points for quick navigation.

Figure 4.1: Pan and Tilt Capabilities.

Figure 4.2: Setting Preset Monitoring Points.

4.2 AI Human Detection & Auto Tracking

The camera features advanced AI human detection to minimize false alarms from non-human movements.

When a human is detected, the camera can automatically track their movement, ensuring continuous surveillance of the subject. Real-time alerts will be sent to your phone via the CamHipro app.

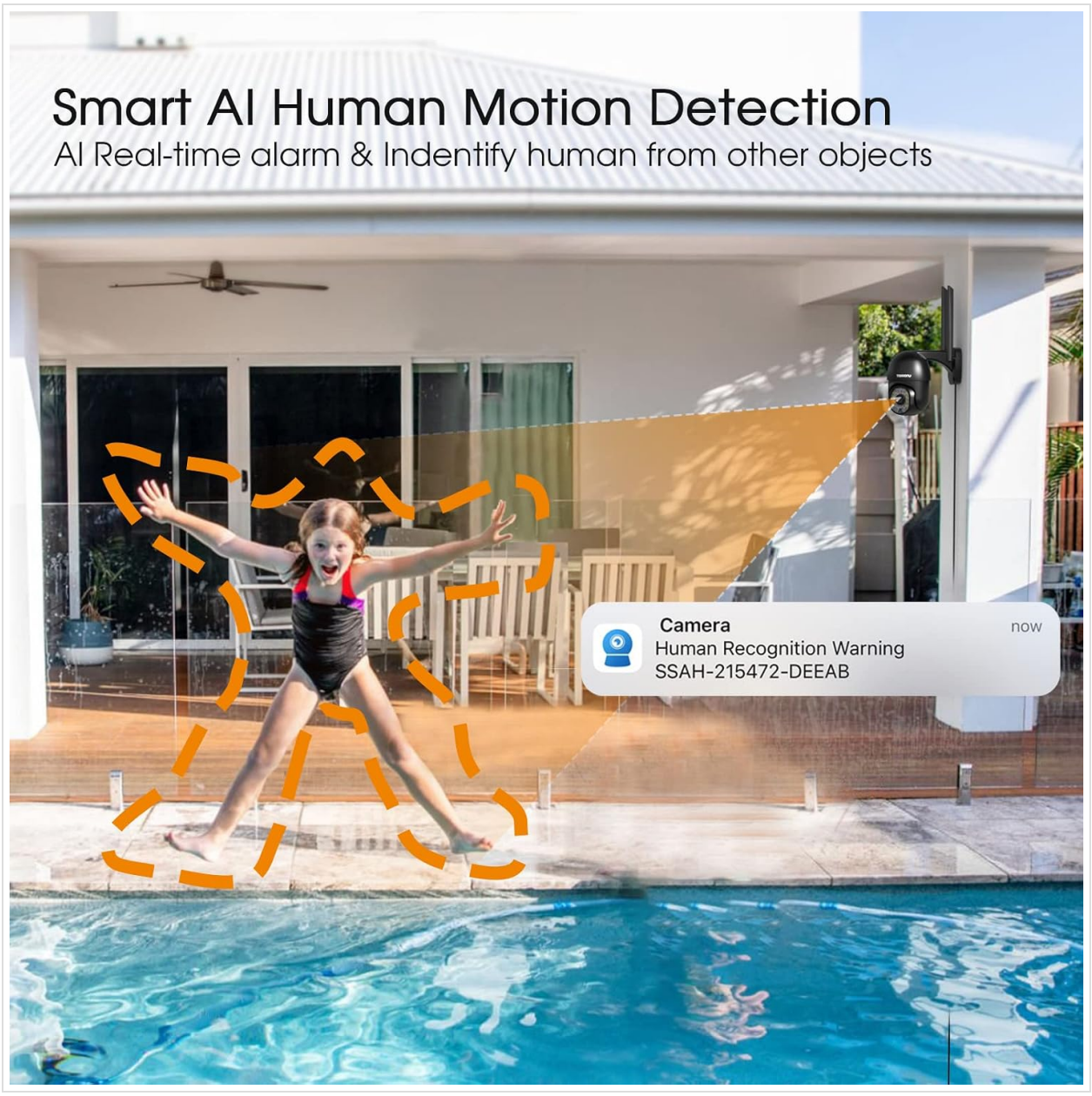


Figure 4.3: Smart AI Human Motion Detection in Action.



Figure 4.4: Automatic Tracking of Movement.

Figure 4.5: Auto Tracking and Sound-Light Defense.

4.3 Night Vision Modes

The camera offers three night vision modes for clear visibility in low-light conditions:

- **Infrared Mode:** Standard black and white night vision using infrared LEDs.
- **Color Mode:** Activates white lights to provide full-color night vision.
- **Smart Mode:** Automatically switches between infrared and color night vision based on detected motion or light conditions.



Figure 4.6: 1080P FHD Color Night Vision.

Figure 4.7: Night Vision Mode Selection.

4.4 Two-Way Audio

The built-in microphone and speaker allow for two-way communication. You can speak through the camera to visitors or deter intruders, and also hear what's happening around the camera's vicinity.



Figure 4.8: Two-Way Audio Communication.

4.5 Recording and Storage

The camera supports 24/7 continuous recording to a Micro SD card (up to 128GB, not included). When the SD card is full, older footage will be automatically overwritten in a loop. You can view and playback recorded videos directly from the CamHipro app.



Figure 4.9: 24/7 Recording and Event Playback.

Figure 4.10: Micro SD Card Slot.

4.6 Multi-User Access

You can share camera access with family members or trusted individuals through the CamHipro app. This allows multiple users to view the live feed and manage camera settings simultaneously.



Figure 4.11: Multi-Device Connection and Multi-User Access.

5. Maintenance

5.1 Cleaning

Regularly clean the camera lens and housing with a soft, damp cloth to ensure clear image quality. Avoid using harsh chemicals or abrasive materials that could damage the camera's surface or lens.

5.2 Firmware Updates

Periodically check the CamHipro app for available firmware updates. Keeping your camera's firmware updated ensures optimal performance, new features, and enhanced security.

5.3 SD Card Management

While the camera automatically overwrites old footage, it is recommended to periodically format the SD card through the app to maintain its performance and prevent data corruption.



Figure 5.1: IP66 Waterproof Rating.

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	Incorrect Wi-Fi password; Camera too far from router; 5GHz Wi-Fi network used; Network instability.	Ensure correct 2.4GHz Wi-Fi password. Move camera closer to router. Ensure router is broadcasting 2.4GHz. Restart camera and router.
Frequent false alarms	Sensitivity too high; Environmental factors (e.g., trees, rain, insects).	Adjust motion detection sensitivity in the app. Utilize AI Human Detection feature to filter non-human movements.
Poor image quality	Dirty lens; Insufficient lighting; Network bandwidth issues.	Clean the camera lens. Ensure adequate lighting for color night vision. Check network speed.
SD card not recording	SD card full or corrupted; Incorrect recording settings.	Format the SD card via the app. Check recording settings (24/7, event recording). Ensure SD card is inserted correctly.
App is slow or unresponsive	Outdated app version; Smartphone performance issues; Network latency.	Update the CamHipro app to the latest version. Close other apps on your phone. Check your internet connection speed.

7. Technical Specifications

Specification	Value
Model Number	TY10BK
Resolution	1080P (1920 x 1080 pixels)
Pan Angle	3550
Tilt Angle	900
Night Vision Distance	Up to 65 feet (20 meters)
Wireless Technology	Wi-Fi (2.4GHz only)
Storage	Micro SD Card (up to 128GB, not included)
Power Source	Cable Electric (10 Watts)

Specification	Value
Material	Plastic
Dimensions (L x W x H)	19.2 x 18 x 12 cm
Weight	770 grams
Ingress Protection (IP) Rating	IP66 (Dust tight and protected against powerful jets of water)

8. Warranty and Support

8.1 Warranty Information

Topcony products are manufactured to high quality standards. Please refer to the product packaging or the official Topcony website for specific warranty terms and conditions applicable to your region. Keep your purchase receipt as proof of purchase for warranty claims.

8.2 Customer Support

If you have any questions, require technical assistance, or encounter issues not covered in this manual, please contact Topcony customer support. You can usually find contact information on the product packaging, the official Topcony website, or through your retailer's support channels.

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