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EVERSECU Smart Floodlight PTZ Camera

EVERSECU Smart Floodlight PTZ Camera User Manual

Brand: EVERSECU

Model: Smart Floodlight PTZ Camera

1. PRODUCT OVERVIEW

The EVERSECU Smart Floodlight PTZ Camera is an advanced outdoor security solution combining high-definition video surveillance with intelligent lighting and communication features. Designed for robust performance in various weather conditions, it offers comprehensive monitoring and interactive capabilities for enhanced home security.



Figure 1: Front view of the EVERSECU Smart Floodlight PTZ Camera.

2. KEY FEATURES

2.1 Auto Tracking & Human Detection

The camera features an intelligent auto-tracking function that can recognize human shapes, significantly reducing false alarms. Once a person is detected, the camera automatically tracks their movement within the monitoring range, recording video and capturing images for later review. This ensures critical events are captured without constant manual monitoring.



AUTOMATIC TRACKING

High-sensitivity motion detection that moves the tracking of moving objects. Until it disappears from the effective distance of the monitoring.

Figure 2: Automatic tracking and human detection in action.

2.2 Motion Detection & Floodlight

Equipped with active deterrents, this security camera includes a siren alarm and a built-in floodlight. These can be triggered manually via the app or automatically upon motion detection, serving as a powerful deterrent against potential intruders. The floodlight illuminates the area, enhancing visibility and recording quality.

2.3 2K 3MP Ultra HD & Two-Way Audio

Experience superior clarity with 2304*1296 Super HD resolution. The camera provides Ultra HD picture quality throughout the day and offers a wide-range, colored surveillance view of up to 80 feet at night. A built-in microphone and speaker enable real-time two-way audio communication, allowing you to speak with visitors or deter suspicious individuals remotely.

3MP Full HD resolution

3MP full HD resolution, The picture quality is clearer and the details are more.



Figure 3: Visual comparison of 1080P versus 3MP resolution.



Figure 4: Two-way audio feature allowing communication with visitors.



Full color night vision

**Someone lights up automatically until
the target disappears**

Figure 5: Full color night vision activated by the floodlights.

2.4 PTZ Functionality

The Pan-Tilt-Zoom (PTZ) camera offers a wide monitoring range with 350° horizontal and 90° vertical rotation. This ensures comprehensive coverage, leaving no blind spots. The digital zoom function allows you to magnify specific areas for more detail or zoom out for a broader field of view.

PTZ FUNCTION

PTZ system, a wider range. Pan Tilt Rotation.
Horizontal:355°Vertical:90°



Figure 6: PTZ control via the mobile application.

2.5 Weather Resistance (IP67)

With an IP67 international protection rating, the EVERSECU camera is designed to withstand various outdoor elements, ensuring reliable operation in high winds, snow, humidity, and storms.



Figure 7: The camera's robust waterproof design.

2.6 Connectivity & Remote Access

The camera supports 2.4GHz Wi-Fi connectivity. Once configured to your local Wi-Fi network, you can access and control the camera remotely from anywhere using the dedicated mobile application. It also works with smart home ecosystems like Alexa and Google Home.



Figure 8: Key features and app compatibility.

2.7 Cloud Storage

For convenient and secure storage, the camera supports cloud storage services. This allows you to save recorded videos and images directly to the cloud, providing an alternative to local SD card storage and ensuring your data is accessible and protected.

3. SETUP GUIDE

3.1 Package Contents

Before installation, ensure all components are present. The package typically includes the EVERSECU Smart Floodlight PTZ Camera, power adapter, mounting hardware (screws, screwdriver), and a quick start guide.

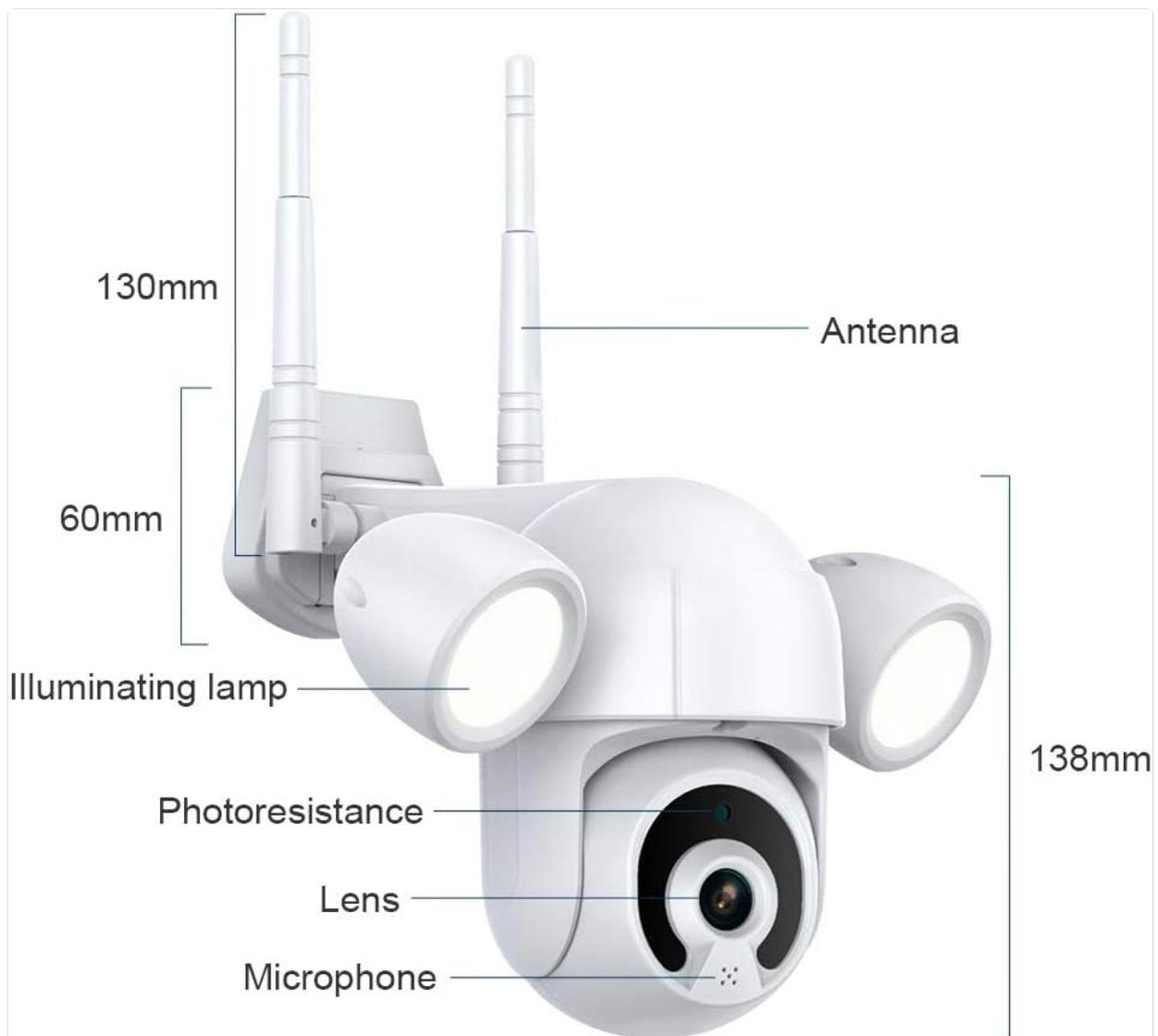


Figure 9: Detailed view of camera components and dimensions.

3.2 Physical Installation

Mount the camera securely in your desired outdoor location using the provided hardware. Ensure the mounting surface is stable and allows for optimal field of view. The camera is designed for wall mounting.

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Video 1: Demonstration of the physical installation process for the floodlight camera.

3.3 App Download & Registration

Download the "Tuya Smart" or "Smart Life" app from your device's app store (iOS or Android). Follow the in-app instructions to register a new account and complete the initial setup. Ensure your mobile device is connected to a 2.4GHz Wi-Fi network during this process.

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Video 2: Guide on how to connect the camera to its mobile application.

3.4 Device Pairing

Within the app, select to add a new device. Power on the camera and follow the prompts to scan the QR code displayed on your phone using the camera's lens. Listen for a confirmation tone from the camera, indicating successful pairing. Ensure your Wi-Fi password is correctly entered.

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Video 3: Detailed demonstration of the Tuya Smart App features and device pairing.

4. OPERATING INSTRUCTIONS

4.1 Live View & Controls

Once paired, access the live view of your camera through the app. You can control PTZ movements (pan, tilt, zoom), listen to live audio, perform two-way voice intercom, take screenshots, and record video directly from the live feed. Adjust video quality (HD/SD) as needed.

4.2 Playback

To view recorded footage, navigate to the playback section in the app. You can select specific dates and times to review events. Ensure local recording to an SD card or cloud storage is enabled for continuous recording.

4.3 Motion Detection & Alarms

Configure motion detection settings within the app. You can adjust sensitivity levels, define activity areas, and set schedules for when motion alerts are active. When motion is detected, you will receive instant notifications on your mobile device, and the camera can automatically trigger the siren or floodlight.

4.4 Night Vision Modes

The camera offers various night vision modes, including infrared (IR) mode for black and white vision in low light, and automatic mode which can activate the floodlight for full-color night vision when light is insufficient.

4.5 Privacy Mode

Activate privacy mode through the app to temporarily disable camera monitoring. This puts the camera into a sleep state to protect your privacy when needed.

4.6 Device Sharing

Share access to your camera with other users through the app's device sharing function. This allows multiple accounts to view and control the camera, ideal for family members or trusted individuals.

4.7 Firmware Updates

Regularly check for and install firmware updates via the app. Updates provide new features, performance improvements, and security enhancements. Enable automatic updates for convenience.

5. MAINTENANCE & TROUBLESHOOTING

5.1 Cleaning

To maintain optimal performance, periodically clean the camera lens and floodlight surfaces with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials that could damage the device.

5.2 Common Troubleshooting

- **No Power:** Ensure the power adapter is securely connected and the power source is active.
- **Offline Status:** Check your 2.4GHz Wi-Fi network stability. Restart your router and the camera. Ensure the camera is within Wi-Fi range.
- **Poor Video Quality:** Verify your Wi-Fi signal strength. Adjust the video quality settings in the app (e.g., switch from HD to SD if network is weak).
- **Motion Detection Issues:** Adjust the sensitivity level and activity area settings in the app. Ensure no

obstructions are blocking the camera's view.

- **Two-Way Audio Problems:** Check microphone and speaker settings in the app. Ensure network connection is stable.

6. SPECIFICATIONS

Feature	Detail
Video Resolution	2K (2304*1296), 3MP
Night Vision	Color Night Vision (up to 80ft), Infrared Night Vision
PTZ Range	350° Horizontal, 90° Vertical
Connectivity	2.4GHz Wi-Fi (IEEE 802.11b/g/n)
Audio	Two-Way Audio (Built-in Microphone & Speaker)
Power Source	AC/DC, 12 Volts (DC), 9 Watts
Weatherproof Rating	IP67
Storage	Cloud Storage, SD Card (not included)
Compatible Smart Home	Amazon Alexa, Google Home

7. WARRANTY & SUPPORT

The EVERSECU Smart Floodlight PTZ Camera comes with a full 1-year US Warranty. Lifetime technical support is provided directly from EVERSECU. For any issues or inquiries, please contact EVERSECU customer support.

For more information and support, visit the [EVERSECU Store on Amazon](#).