

Overmax OV-CAMSPOT 4.0 PTZ WHITE

Overmax Camspot 4.0 PTZ Outdoor Wi-Fi Surveillance Camera User Manual

Model: OV-CAMSPOT 4.0 PTZ WHITE

1. INTRODUCTION

Thank you for choosing the Overmax Camspot 4.0 PTZ Outdoor Wi-Fi Surveillance Camera. This manual provides essential information for the proper installation, operation, and maintenance of your device. Please read it thoroughly before use to ensure optimal performance and safety.

The Overmax Camspot 4.0 PTZ is designed for outdoor surveillance, offering advanced features such as Full HD resolution, two-way audio, intelligent motion detection, and a wide field of view, all accessible remotely via a mobile application.

2. PRODUCT OVERVIEW

The Overmax Camspot 4.0 PTZ camera is a robust outdoor surveillance solution. It features a 3.6mm lens, providing clear and fluid images at 25 frames per second in Full HD resolution. Its pan-tilt-zoom (PTZ) capabilities allow for a 355° horizontal rotation and 90° vertical rotation, enabling comprehensive area coverage.

Key features include:

- **Full HD Resolution:** Delivers crisp and clear video footage.
- **Two-Way Audio:** Allows for communication through the camera.
- **Intelligent Motion & Human Detection:** Alerts you to detected movement and human silhouettes.
- **Color Night Mode:** Provides clear vision up to 40 meters in low-light conditions.
- **IP65 Weather Resistance:** Designed to withstand rain and varying temperatures (-10°C to +50°C).
- **Multiple Storage Options:** Supports up to 128GB Micro SD card (not included) and optional cloud storage.
- **Remote Control:** Manage and view live feed via the Overmax Control or Tuya smartphone application.

Included Components:

- Smart Wi-Fi PTZ Camera
- Power Cable with Adapter
- Wall Mounting Kit (screws and anchors)
- Quick Start Guide



Figure 2.1: Overmax Camspot 4.0 PTZ camera with included accessories and a smartphone showing the live view.

3. SETUP AND INSTALLATION

Follow these steps to set up your Overmax Camspot 4.0 PTZ camera:

1. **Choose a Location:** Select an outdoor location that provides optimal surveillance coverage and has access to a power outlet. The camera is designed for wall mounting.
2. **Mount the Camera:** Use the included wall mounting kit to securely attach the camera to a stable surface. Ensure the camera is positioned to cover the desired area.



Figure 3.1: Example of outdoor camera installation.

3. **Power Connection:** Connect the camera to the power adapter and plug it into a standard electrical outlet. The camera requires 5 Volts AC and consumes 5 Watts.
4. **Download the App:** Download the 'Overmax Control' or 'Tuya' application from your smartphone's app store (iOS or Android).
5. **Register/Log In:** Open the app and create an account or log in if you already have one.
6. **Add Device:** Follow the in-app instructions to add your new camera. This typically involves scanning a QR code on the camera or selecting the camera type manually and connecting it to your Wi-Fi network.
7. **Insert Micro SD Card (Optional):** If you wish to store recordings locally, gently insert a Micro SD card (up to 128GB) into the designated slot. The slot is typically located under a protective cover on the camera body.



Figure 3.2: Location of Micro SD card slot and reset button.

4. OPERATING INSTRUCTIONS

Once set up, you can control and monitor your camera using the mobile application.

- **Live View:** Open the app and select your camera to view the live feed.
- **Pan/Tilt Control:** Use the directional controls within the app to remotely adjust the camera's viewing angle (355° horizontal, 90° vertical).
- **Patrol Function:** Activate the patrol function in the app to enable the camera to automatically rotate and monitor a predefined area.
- **Auto-Tracking:** Enable auto-tracking to allow the camera to automatically follow moving objects detected within its field of view.
- **Motion Detection & Alerts:** Configure motion detection sensitivity and set up alerts to receive notifications on your smartphone when movement or human silhouettes are detected.
- **Two-Way Audio:** Tap the microphone icon in the app to speak through the camera's speaker, and listen to audio from the camera's environment.
- **Night Vision:** The camera automatically switches to color night mode in low-light conditions, providing clear visibility up to 40 meters.
- **Recording & Playback:** Access recorded footage from your Micro SD card or cloud storage through the app. You can also manually start recordings.



Figure 4.1: Camera lens and infrared LEDs for night vision.

5. MAINTENANCE

To ensure the longevity and optimal performance of your Overmax Camspot 4.0 PTZ camera, follow these maintenance guidelines:

- **Cleaning:** Regularly wipe the camera lens and body with a soft, damp cloth to remove dust and dirt. Do not use harsh chemicals or abrasive cleaners.
- **Weather Protection:** While the camera is IP65 rated for weather resistance, ensure it is installed in a location that minimizes direct exposure to extreme weather conditions if possible, to prolong its lifespan.
- **Firmware Updates:** Periodically check the mobile application for available firmware updates. Keeping the firmware updated ensures the camera has the latest features and security enhancements.
- **Power Supply:** Ensure the power supply cable and adapter are not damaged. Replace them immediately if any damage is observed.

6. TROUBLESHOOTING

If you encounter issues with your Overmax Camspot 4.0 PTZ camera, refer to the following common troubleshooting steps:

- **Camera Offline:**
 - Check if the camera is properly powered on.
 - Verify your Wi-Fi network is active and the camera is within range.
 - Restart the camera by unplugging and re-plugging the power cable.
 - Ensure your Wi-Fi password has not changed.
- **Poor Video Quality:**
 - Clean the camera lens.
 - Check your internet connection speed. A stable and fast connection is required for optimal streaming.
 - Ensure there are no obstructions blocking the camera's view.
- **Motion Detection Not Working:**
 - Verify motion detection is enabled in the app settings.
 - Adjust the sensitivity settings.
 - Ensure the detection zone is correctly configured.
- **Cannot Connect to Wi-Fi:**
 - Ensure you are connecting to a 2.4GHz Wi-Fi network (5GHz networks are not supported).
 - Double-check the Wi-Fi password.
 - Move the camera closer to the Wi-Fi router during setup.
 - Perform a factory reset on the camera (refer to the quick start guide for reset button location).

If these steps do not resolve the issue, please contact Overmax customer support for further assistance.

7. SPECIFICATIONS

Feature	Specification
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Feature	Specification
Model Name	OV-CAMSPOT 4.0 PTZ WHITE
Brand	Overmax
Video Recording Resolution	1080p (Full HD)
Frame Rate	25 fps
Lens Angle	90 degrees (3.6mm lens)
Pan/Tilt Range	Horizontal: 355°, Vertical: 90°
Night Vision Range	Up to 40 meters (Color Night Mode)
Connectivity Technology	Wireless (Wi-Fi)
Wireless Communication Technology	Wi-Fi
Special Features	Two-way audio, Motion detection, Human detection, Auto-tracking
Indoor/Outdoor Use	Outdoor
Waterproof Rating	IP65
Operating Temperature	-10 °C to +50 °C
Power Source	Electric Cable
Voltage	5 Volts (AC)
Power Consumption	5 Watts
Storage	Micro SD card (up to 128GB), Cloud storage (optional)
Mounting Type	Wall Mount, Screw-in
Material	Metal
Dimensions (L x W x H)	9 x 13 x 24.5 cm
Weight	288 grams
Compatible Devices	Smartphone (Android)

8. WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, or service, please refer to the official Overmax website or contact their customer service directly. Details may also be available on the product packaging or the quick start guide included with your camera.



