

Mksutary YZGES-SD07S

Mksutary Outdoor WiFi Security Camera YZGES-SD07S User Manual

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Mksutary Outdoor WiFi Security Camera, model YZGES-SD07S. This 1080P HD camera is designed for outdoor surveillance, featuring IP66 waterproofing, color night vision, two-way audio, 360° pan and 90° tilt capabilities, and intelligent human detection with auto-tracking.



Figure 1.1: Mksutary Outdoor WiFi Security Camera (YZGES-SD07S)

The camera offers robust performance in various weather conditions and allows for remote monitoring and communication via a smartphone application. Please read this manual thoroughly before using the product to ensure correct setup and optimal performance.



Figure 1.2: Key features of the Mksutary Outdoor WiFi Security Camera, including WiFi connectivity, IP66 weather resistance, night vision, human detection, two-way talk, and P2P support.

2. PACKAGE CONTENTS

Verify that all items listed below are present and in good condition upon opening the package. If any items are missing or damaged, please contact customer support.

- 1 x Mksutary PTZ IP Outdoor Surveillance Camera
- 1 x Bag of Screws (for mounting)
- 1 x User Manual
- 1 x Antenna
- 1 x 12V / 2A Power Supply

3. SPECIFICATIONS

The following table details the technical specifications of the Mksutary YZGES-SD07S Outdoor WiFi Security Camera:

Feature	Specification
Video Capture Resolution	1080p (1920 x 1080)
Effective Video Resolution	2 MP
Wireless Communication Technology	Wi-Fi
Form Factor	Dome
Viewing Angle	365 Degrees (Pan/Tilt)

Feature	Specification
Rotation Angle (Horizontal)	320 degrees
Rotation Angle (Vertical)	90 degrees
Voltage	12 Volts
Wattage	5 watts
Item Weight	800 g
IP Rating	IP66 Waterproof
Night Vision Distance	Up to 30 meters
Storage	Supports SD cards up to 128GB
Working Temperature	32 ~ 131 °F (0 ~ 55 °C)
Working Humidity	20% ~ 85%
Compatible Devices	Smartphone (iOS, Android)

4. SETUP GUIDE

Follow these steps to set up your Mksutary Outdoor WiFi Security Camera. The entire installation and configuration process can typically be completed within minutes.

4.1. Physical Installation and Mounting

- Choose a Location:** Select an outdoor location that provides the desired viewing angle and is within range of your WiFi network. Ensure the power cable can reach a suitable outlet.
- Mount the Camera:** Use the provided screws and mounting template (if included) to securely attach the camera to a wall or ceiling. Ensure the mounting surface is stable enough to support the camera's weight.
- Attach Antenna:** Screw the antenna firmly onto the designated port on the camera.

4.2. Power Connection

Connect the provided 12V/2A power adapter to the camera's power input port and then plug it into a power outlet. The camera will power on and initiate its startup sequence.

4.3. App Download and Account Creation

- Download the App:** Search for the recommended security camera application (refer to the included manual for the specific app name) on the App Store (iOS) or Google Play Store (Android).
- Create an Account:** Open the app and follow the on-screen instructions to register a new user account.

4.4. Camera Connection to Network

The camera can be connected to your home network via Wi-Fi or an Ethernet LAN cable.

- Add Device:** In the app, select the option to 'Add Device' or 'Add Camera'.

2. **Select Connection Type:** Choose either 'Wi-Fi Connection' or 'Wired Connection' (if using an Ethernet cable).
3. **Follow In-App Instructions:** The app will guide you through the specific steps for connecting your camera, which may involve scanning a QR code on the camera, entering your Wi-Fi credentials, or waiting for the camera to connect automatically if wired.
4. **Complete Setup:** Once connected, you can name your camera and begin live viewing.

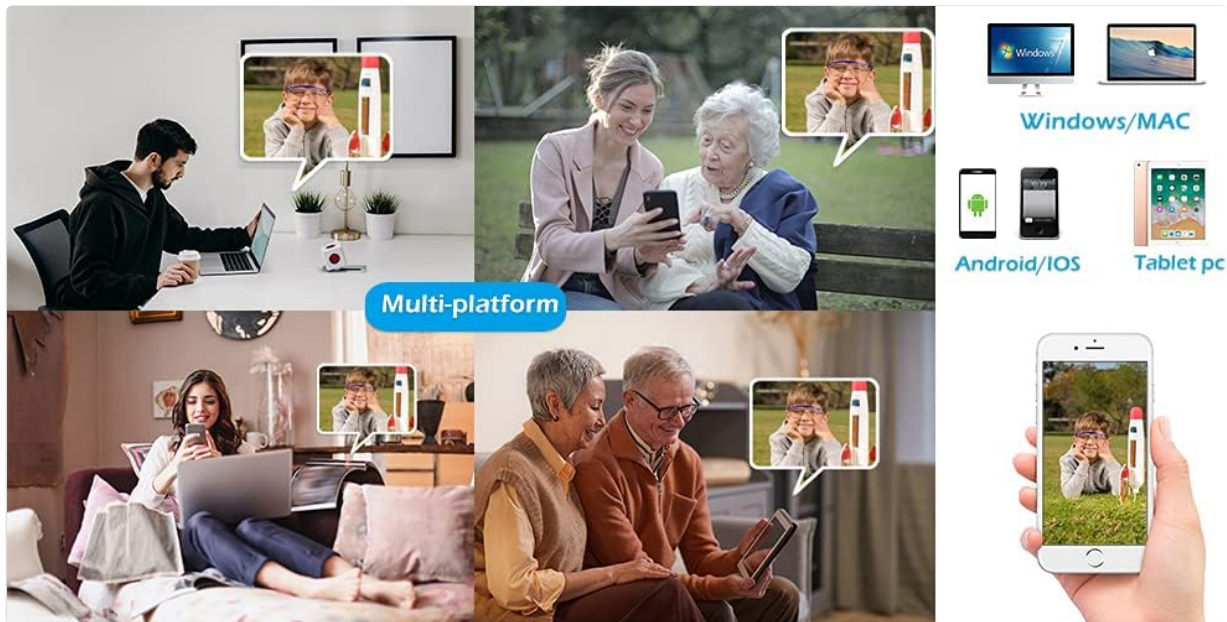


Figure 4.1: The camera supports multi-platform access, allowing monitoring from smartphones (Android/iOS), tablets, and computers (Windows/Mac).

5. OPERATING INSTRUCTIONS

This section covers the primary functions and features of your Mksutary security camera.

5.1. Pan, Tilt, and Zoom (PTZ) Control

The camera features motorized pan and tilt functions, allowing you to adjust the viewing angle remotely through the app.

- **Pan:** Rotate the camera horizontally up to 320° to cover a wide area.
- **Tilt:** Adjust the camera vertically up to 90° to view higher or lower areas.
- **Digital Zoom:** Use pinch-to-zoom gestures on the live view in the app to digitally zoom in on specific details.



Figure 5.1: Control the camera's horizontal (355°) and vertical (90°) rotation directly from your smartphone application.

5.2. Night Vision Modes

The camera is equipped with advanced night vision capabilities, providing clear surveillance even in low-light or complete darkness.

- **Infrared Night Vision:** When light levels are low, the camera automatically switches to infrared mode, providing clear black-and-white images up to 30 meters.
- **Color Night Vision:** Utilizing built-in floodlights, the camera can provide full-color video at night when motion is detected or when manually activated.



Figure 5.2: The camera offers intelligent night vision, switching between infrared light for standard night viewing and floodlight illumination for color night vision upon detection of activity.

5.3. Two-Way Audio Communication

The integrated microphone and speaker allow for real-time two-way audio communication. You can listen to the camera's surroundings and speak through the camera using the smartphone app.

- **Activate Intercom:** In the live view interface of the app, tap the microphone icon to speak.
- **Listen:** The speaker icon allows you to hear audio from the camera's location.

5.4. Motion Detection and Human Tracking

The camera is equipped with advanced motion detection and human tracking features to enhance security.

- **Motion Detection:** The camera detects movement within its field of view and can trigger alerts.
- **Human Tracking:** When a human figure is detected, the camera can automatically pan and tilt to follow their movement, keeping them in frame.
- **Alert Notifications:** Receive instant notifications on your smartphone when motion or human presence is detected.

5.5. Remote Access and Monitoring

Access your camera's live feed and recorded footage from anywhere using the mobile application, provided you have an internet connection.

- **Live View:** Watch real-time video from your camera.
- **Playback:** Review recorded events stored on the SD card.
- **Settings:** Adjust camera settings, detection zones, and notification preferences remotely.

5.6. SD Card Recording and Playback

The camera supports local storage via an SD card (up to 128GB, not included). This allows for continuous recording or event-triggered recording.

- **Installation:** Insert a formatted SD card into the designated slot on the camera.
- **Recording Modes:** Configure recording settings (e.g., continuous, motion-triggered) within the app.
- **Playback:** Access recorded footage directly from the app's playback interface.

6. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your security camera.

6.1. Cleaning the Camera Lens

Periodically clean the camera lens and surrounding housing to prevent dust, dirt, or water spots from obstructing the view. Use a soft, damp cloth. Avoid abrasive cleaners or harsh chemicals.

6.2. Checking Connections

Ensure all cables (power, Ethernet if used) are securely connected and free from damage. Check the antenna for proper attachment.

6.3. Firmware Updates

Check the mobile application periodically for available firmware updates. Keeping the camera's firmware up-to-date ensures access to the latest features, security patches, and performance improvements.

7. TROUBLESHOOTING

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

- **Camera Not Powering On:**
 - Ensure the power adapter is securely plugged into both the camera and a working electrical outlet.

- Verify the power outlet is functional by testing it with another device.

- **Unable to Connect to Wi-Fi:**

- Ensure the camera is within range of your Wi-Fi router.
- Double-check that you have entered the correct Wi-Fi password.
- Restart your Wi-Fi router and the camera, then attempt to connect again.
- The camera supports 2.4GHz Wi-Fi networks only. Ensure your router is broadcasting on this frequency.

- **Poor Image Quality:**

- Clean the camera lens as described in the Maintenance section.
- Ensure there are no obstructions in front of the lens.
- Check your internet connection speed; a slow connection can affect streaming quality.

- **Motion Detection Not Working:**

- Verify that motion detection is enabled in the camera's settings within the app.
- Adjust the motion detection sensitivity settings.
- Ensure there are no large objects or constant movement (e.g., tree branches) in the detection zone that could cause false alarms or interfere with detection.

- **Two-Way Audio Issues:**

- Ensure your smartphone's microphone and speaker are enabled and not muted.
- Check the volume settings on both your phone and within the camera app.
- Ensure there is no excessive background noise near the camera or your phone.

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

8. WARRANTY AND SUPPORT

For information regarding the product warranty, please refer to the warranty card included in your package or contact Mksutary customer service directly. Mksutary is committed to providing reliable products and support.

If you require technical assistance, have questions about product features, or need to report a defect, please reach out to Mksutary customer support through the contact information provided on their official website or within the product packaging.