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> Mksutary SD07S Outdoor PTZ WiFi IP Camera User Manual

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Model: SD07S

1. INTRODUCTION

Thank you for choosing the Mksutary SD07S Outdoor PTZ WiFi IP Camera. This manual provides detailed instructions for the proper installation, operation, and maintenance of your security camera. Please read this manual thoroughly before use to ensure optimal performance and safety.

The Mksutary SD07S camera is designed for outdoor surveillance, offering 1080P HD video, pan-tilt-zoom (PTZ) functionality, AI human motion detection with auto-tracking, two-way audio, and color night vision. Its IP66 waterproof rating ensures reliable operation in various weather conditions.



Image: Mksutary SD07S Outdoor PTZ WiFi IP Camera showcasing its main features like WiFi connectivity, IP66

rating, night vision, human detection, two-way talk, and P2P support.

2. SAFETY INFORMATION

- Ensure the power supply voltage matches the camera's requirements (12 Volts).
- Do not expose the camera to extreme temperatures or humidity outside its operating range.
- Avoid direct exposure of the lens to strong light sources to prevent damage.
- Keep the camera away from children and pets.
- Only use accessories provided or recommended by the manufacturer.
- For outdoor installation, ensure all connections are properly sealed to maintain the IP66 waterproof rating.

3. SETUP

3.1 Package Contents

Verify that all items are present in the package:

- Mksutary SD07S PTZ IP Camera
- Power Adapter
- Ethernet Cable
- Mounting Screws and Anchors
- Screwdriver
- Quick Start Guide (this manual)

Your browser does not support the video tag.

Video: Unboxing and initial power-on of the Mksutary SD07S camera, showing included accessories and the camera's self-test rotation.

3.2 Product Overview

The Mksutary SD07S camera features a durable dome design with a 3.6mm fixed lens, providing 1080P (1920x1080) resolution. It offers a wide viewing angle with 320° horizontal and 90° vertical rotation, allowing for comprehensive area coverage. The camera is equipped with both infrared and spotlight LEDs for intelligent color night vision up to 30 meters.

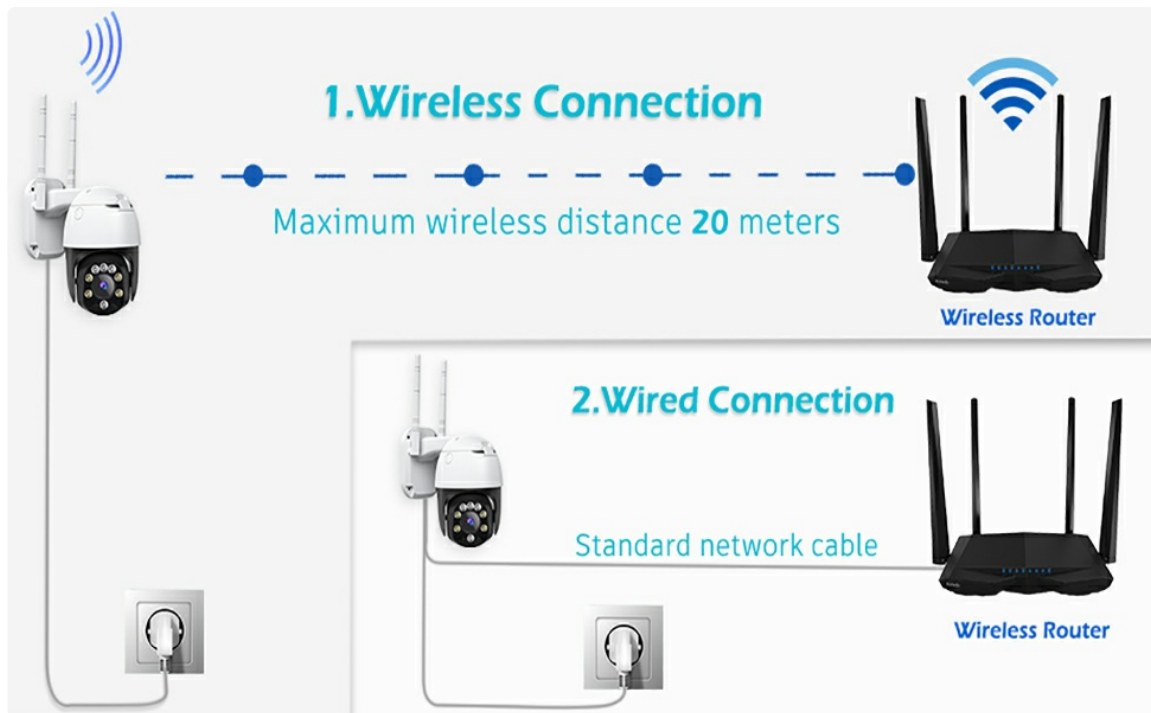


Image: Illustration of the camera's pan-tilt rotation capabilities, showing 355 degrees horizontal and 90 degrees vertical movement.

3.3 Installation

The camera supports wall mounting. Choose a suitable outdoor location that provides the desired viewing angle and is within range of your Wi-Fi network or an Ethernet connection.

1. **Mounting:** Use the provided screws and anchors to securely mount the camera to a wall.
2. **Power Connection:** Connect the power adapter to the camera and plug it into a power outlet. The camera will perform a self-test rotation upon power-on.
3. **Network Connection:** You have two options for network connectivity:
 - **Wireless Connection (Wi-Fi):** Ensure your Wi-Fi router is within 20 meters of the camera for optimal signal.
 - **Wired Connection (Ethernet):** Connect the camera to your router using the provided Ethernet cable.

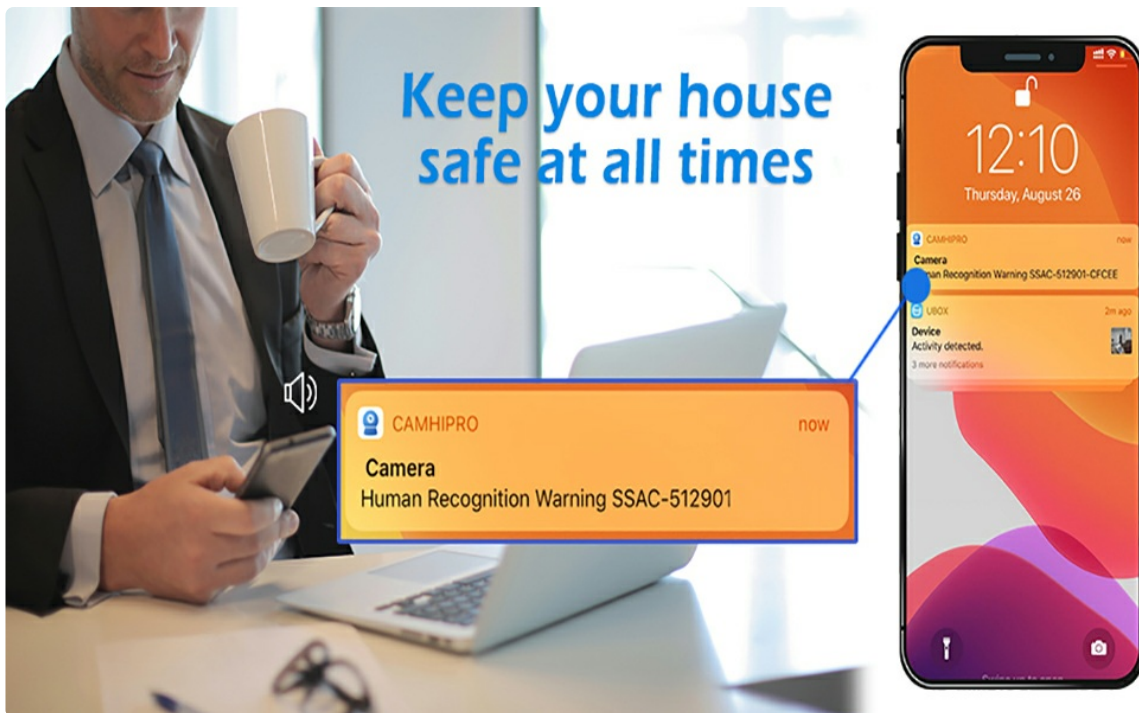


Image: Diagram illustrating both wireless (Wi-Fi) and wired (Ethernet cable) connection methods for the camera to a wireless router.

3.4 App Setup and Connection

To control and view your camera, download the 'CamHipro' app on your smartphone (iOS or Android).

1. **Download App:** Search for 'CamHipro' in your device's app store and install it.
2. **Connect to Camera Hotspot:** Go to your phone's Wi-Fi settings. Find and connect to the camera's Wi-Fi hotspot (e.g., 'IPCAM-XXXXXX'). The default password is '01234567'.
3. **Add Device in App:** Open the CamHipro app. Tap 'Add Camera' or the '+' icon. Select 'IP Camera' or 'New Device'. The app should detect the camera's UID. Confirm to add the device.
4. **Configure Wireless Network:** Once added, the app will prompt you to configure the camera's wireless network. Select your home Wi-Fi network and enter its password. This will connect the camera to your home network, allowing remote access.
5. **Change Default Password:** For security, it is highly recommended to change the default 'admin' password for the camera within the app settings.

The camera can also be accessed via Windows/Mac computers and tablet PCs.

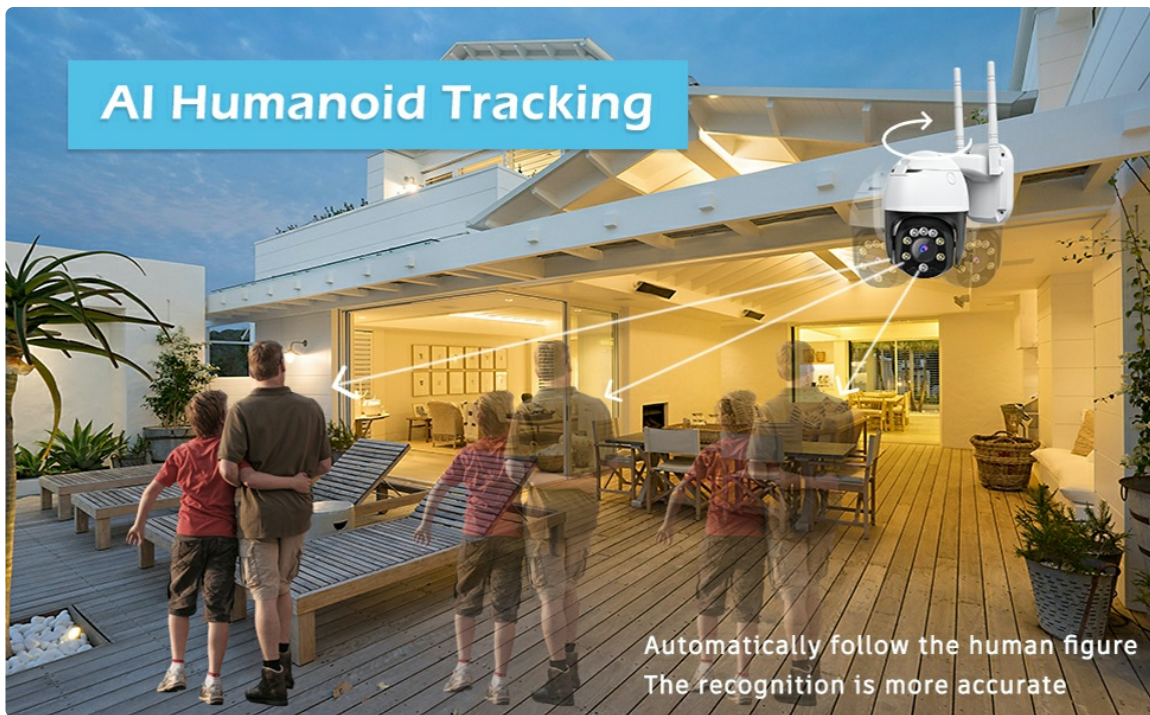


Image: Depicts the camera's compatibility with multiple platforms including Android/iOS smartphones, tablet PCs, and Windows/Mac computers for live viewing and control.

4. OPERATING INSTRUCTIONS

4.1 Live View

Once the camera is connected and online in the CamHipro app, tap on the camera's preview to access the live video feed. You can switch between SD and HD resolution for viewing.

4.2 PTZ Control

In the live view interface, use the on-screen controls or swipe gestures to pan (horizontal) and tilt (vertical) the camera lens. The camera supports 320° horizontal and 90° vertical rotation.

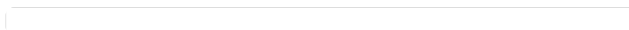


Image: Illustrates the concept of setting camera preset positions for convenient and quick observation of different areas.

4.3 Two-Way Audio

The camera features a built-in microphone and speaker. Tap the microphone icon in the app to speak through the camera, and listen to audio from the camera's surroundings.



Image: Demonstrates the two-way audio feature, allowing users to communicate through the camera from their smartphone.

4.4 Motion Detection & Alerts

The camera is equipped with AI Humanoid detection and auto-tracking. When human motion is detected, the camera can automatically track the subject and send real-time notifications to your smartphone.

- **Enable Motion Detection:** In the app settings, navigate to 'Alarm Settings' to enable motion detection and configure sensitivity levels.
- **Receive Notifications:** Ensure app notifications are enabled on your smartphone to receive alerts when motion is detected.
- **Auto-Tracking:** The camera will automatically follow detected human figures, providing more accurate surveillance.



Image: Visual representation of the AI Humanoid Tracking feature, where the camera automatically follows human figures for enhanced monitoring.



Image: A smartphone displaying a 'Human Recognition Warning' notification from the camera, indicating real-time security alerts.

4.5 Night Vision Modes

The camera offers advanced night vision capabilities:

- **Infrared Night Vision:** Provides clear black and white video in low-light conditions using infrared LEDs.
- **Color Night Vision:** Utilizes built-in spotlights to provide full-color video even in complete darkness. This mode can be activated automatically upon motion detection or manually via the app.



Image: Comparison of different night vision modes: infrared light (black and white), full color (with floodlight), and intelligent mode (activating floodlight upon detection).

4.6 Recording & Storage

The camera supports local storage via an SD card (up to 128GB). Insert the SD card into the designated slot on the camera. Recordings can be viewed and managed through the CamHipro app.

5. MAINTENANCE

- **Cleaning:** Gently wipe the camera lens and body with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Firmware Updates:** Periodically check the CamHipro app for available firmware updates to ensure your camera has the latest features and security patches.
- **Power Cycle:** If the camera experiences issues, try power cycling it by unplugging and re-plugging the power adapter.

6. TROUBLESHOOTING

- **Camera not connecting to Wi-Fi:** Ensure the Wi-Fi password is correct and the camera is within range of the router. Try restarting both the camera and the router.
- **No image or black screen:** Check the power connection and ensure the camera is online in the app.
- **Motion detection not working:** Verify that motion detection is enabled in the app settings and sensitivity is adjusted appropriately. Ensure app notifications are allowed on your phone.
- **Two-way audio issues:** Check your phone's microphone and speaker permissions for the app. Ensure the camera's microphone and speaker are not obstructed.
- **Camera frequently disconnects:** This could be due to a weak Wi-Fi signal. Consider moving the camera closer to the router or using a Wi-Fi extender. For critical applications, a wired Ethernet connection is recommended.

7. SPECIFICATIONS

Feature	Detail
Model Number	SD07S
Resolution	1080p (1920x1080)
Lens	3.6mm Fixed Lens
Pan Angle	320 Degrees
Tilt Angle	90 Degrees
Night Vision Range	30 Meters (Color Night Vision)
Waterproof Rating	IP66
Connectivity	Wi-Fi (Wireless), Ethernet (Wired)
Storage	Supports Micro SD Card up to 128GB
Power Supply	12 Volts
Dimensions (L x W x H)	12 x 9 x 17 cm
Material	Plastic
Recommended Use	Indoor and Outdoor
Compatible Devices	Smartphone (iOS, Android)

8. WARRANTY AND SUPPORT

Mksutary products come with a standard manufacturer's warranty. Please refer to the product packaging or the seller's website for specific warranty terms and conditions.

For technical support, troubleshooting assistance, or any questions regarding your Mksutary SD07S camera, please contact the seller or manufacturer directly through the contact information provided with your purchase or on their official website.