

GUOANVISION P7S

GUOANVISION P7S 6MP Dual Lens Wireless Outdoor Security Camera Instruction Manual

Model: P7S

1. PRODUCT OVERVIEW

The GUOANVISION P7S is a 6MP dual-lens wireless outdoor security camera designed for comprehensive surveillance. It features a unique dual-screen display, offering both a wide panoramic view and a controllable pan/tilt/zoom view simultaneously. Built to withstand various weather conditions, it boasts an IP66 waterproof rating. Advanced AI algorithms enable smart human detection and tracking, reducing false alarms. The camera supports multiple night vision modes and provides real-time alerts and two-way audio communication.

Key Features:

- **Dual Lens & Dual Screen:** Provides a wide-angle panoramic view and a separate 355° pan, 90° tilt, and zoomable view on your mobile device.
- **6MP High Definition:** Delivers clear 2K HD video resolution for detailed monitoring.
- **IP66 Waterproof:** Designed for outdoor use, resistant to water and dust in harsh weather conditions.
- **Advanced Night Vision:** Offers Full Color, Infrared, and Double-Light night vision modes for clear visibility in low-light environments.
- **AI Detection & Tracking:** Smart motion detection with human recognition and tracking capabilities to minimize false alerts.
- **Two-Way Audio:** Built-in microphone and speaker allow for real-time communication with visitors or to deter intruders.
- **Flexible Storage:** Supports secure cloud storage and local SD card storage (up to 128GB, not included).
- **Connectivity:** Supports 2.4GHz Wi-Fi and wired network connections for stable operation.

2. PACKAGE CONTENTS

Please check the package for the following items:

- GUOANVISION P7S Outdoor Security Camera
- Power Adapter (with 3-meter cable)
- Mounting Screws and Wall Plugs
- User Manual

3. SETUP GUIDE

3.1 Physical Installation

The camera is designed for wall mounting. Choose a suitable outdoor location that provides the desired viewing angle and is within reach of a power outlet.

1. Mark the drilling points on the wall using the camera's mounting bracket as a template.
2. Drill holes at the marked positions. Insert wall plugs if necessary.
3. Secure the mounting bracket to the wall using the provided screws.
4. Attach the camera to the mounted bracket. Ensure it is firmly secured.



Image: The GUOANVISION P7S camera mounted, illustrating its dual lens system with wide-angle and zoom lenses, and its 355-degree pan and 90-degree tilt functionality.

3.2 Power Connection

Connect the provided power adapter to the camera's power input port and then plug it into a standard electrical outlet. The camera will power on automatically.

3.3 App Installation and Network Connection

Download the dedicated mobile application (refer to the packaging or quick start guide for the app name and QR code). Follow the in-app instructions to add your camera. You can connect the camera via 2.4GHz Wi-Fi or a wired Ethernet connection for stable performance.

4. OPERATING INSTRUCTIONS

4.1 Live View and Camera Control

Once connected, open the mobile app to access the live view. The app displays two screens: one for the panoramic view and another for the controllable PTZ (Pan-Tilt-Zoom) lens. Tap on the PTZ screen to control the camera's 355° horizontal rotation and 90° vertical tilt, and to zoom in on specific areas.

4.2 Night Vision Modes

The camera offers three night vision modes, selectable via the app:

- **Full Color Night:** Utilizes built-in spotlights to provide full-color video even in complete darkness.
- **Infrared Night:** Uses infrared LEDs for black and white video in low light, without visible light emission.
- **Double-Light (Smart Mode):** Automatically switches between infrared and full-color night vision when motion is detected.

Three Color Night

Select "Full Color"/"Infrared Color"/"Double-Light" to meet your need.



Double-Light



Infrared Night

Image: Visual representation of the camera's Double-Light and Infrared Night vision capabilities, showing clear images in dark conditions.

4.3 AI Detection and Alerts

The camera's enhanced AI algorithm provides smart motion detection and human tracking. When an intrusion is detected, the camera can activate red and blue warning lights and emit a sound alarm to deter intruders. You will receive instant real-time alerts directly to your smartphone.

AI detection and Tracking

Smart tracking and getting instant alerts on your smartphone



Image: The camera's AI detection and tracking feature in action, highlighting a person in the monitored area and sending an alert to a smartphone.

Sound & Light Warning to Frighten Thieves

You have entered the monitoring area

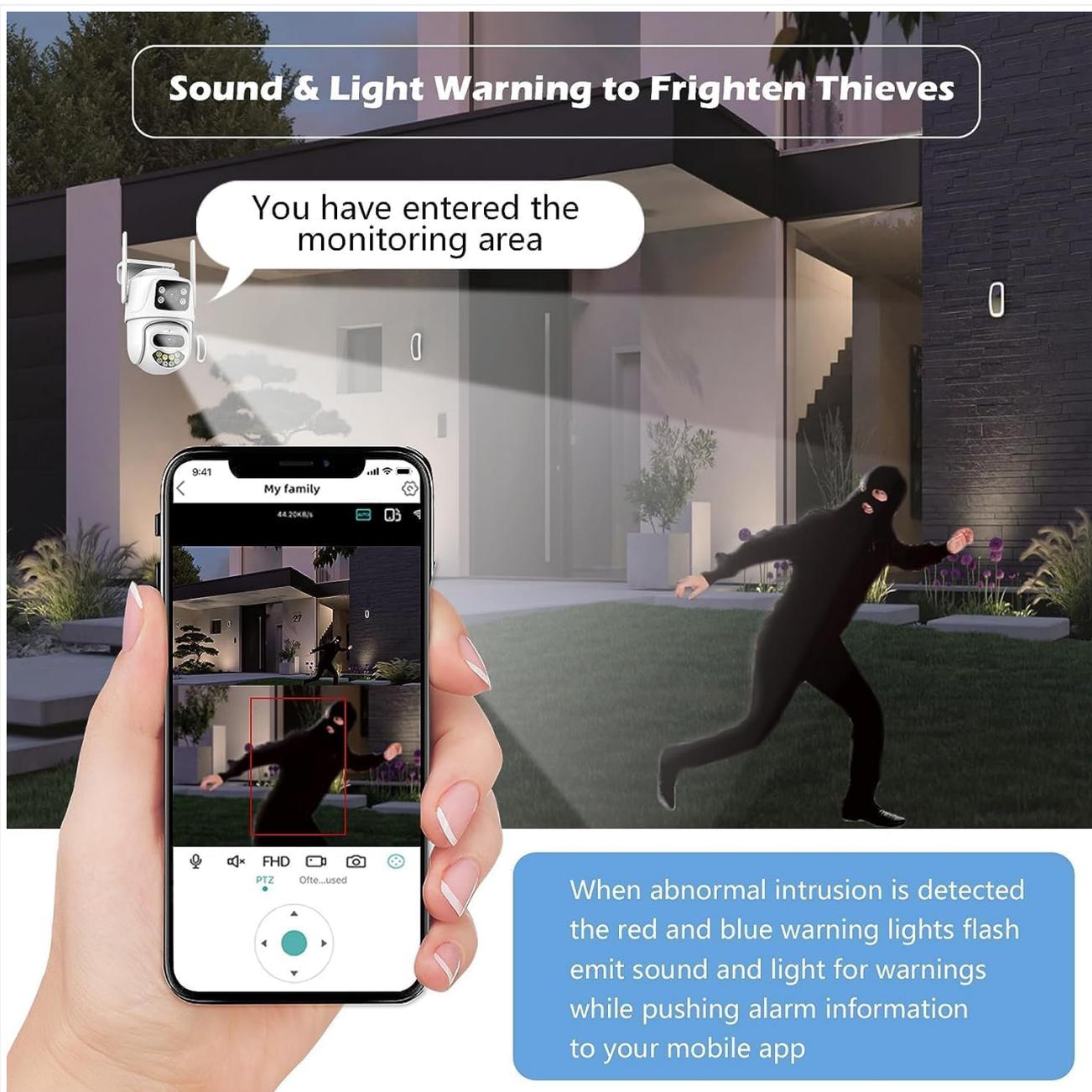


Image: The camera's sound and light warning system activating upon detecting an intruder, with a mobile app notification shown.

4.4 Two-Way Talk

Use the two-way audio feature through the mobile app to communicate with people near the camera. This is useful for speaking to visitors or warning off unwanted individuals.

4.5 Recording and Storage

The camera supports 24/7 continuous recording. Footage can be stored in two ways:

- **Local SD Card:** Insert a microSD card (up to 128GB, not included) into the camera's designated slot for local storage.
- **Cloud Storage:** Subscribe to the cloud storage service via the app for secure, remote storage of your recordings.



Image: Illustration of the camera's storage options, including local micro SD card and cloud storage, ensuring important moments are captured.

5. MAINTENANCE

To ensure optimal performance and longevity of your GUOANVISION P7S camera, follow these maintenance guidelines:

- **Regular Cleaning:** Periodically wipe the camera lenses and housing with a soft, damp cloth to remove dust, dirt, or water spots. Avoid abrasive cleaners.
- **Check Connections:** Ensure all power and network cables are securely connected and free from damage.
- **Firmware Updates:** Check the mobile application regularly for available firmware updates. Installing updates can improve camera performance, add new features, and enhance security.
- **Environmental Protection:** While IP66 rated, avoid directing high-pressure water jets directly at the camera. Ensure the mounting area is stable and free from excessive vibrations.



Image: The camera's IP66 waterproof design, demonstrating its ability to function reliably in rain, snow, and other harsh weather conditions.

6. TROUBLESHOOTING

If you encounter issues with your GUOVISION P7S camera, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Camera offline/No connection	Weak Wi-Fi signal, incorrect Wi-Fi password, router issues, power loss.	Ensure camera is within 2.4GHz Wi-Fi range. Verify Wi-Fi password. Restart router and camera. Check power connection. Try wired connection if Wi-Fi is unstable.
Frequent false alarms	Sensitivity too high, non-human motion (animals, swaying branches).	Adjust motion detection sensitivity in the app. Utilize AI human recognition feature to filter out non-human motion. Adjust detection zones.

Problem	Possible Cause	Solution
Poor image quality at night	Lens obstruction, incorrect night vision mode, insufficient ambient light for color mode.	Clean the camera lens. Switch between Full Color, Infrared, and Double-Light modes to find the best setting for your environment. Ensure spotlights are not obstructed.
Two-way audio not working	Microphone/speaker muted in app, network latency, app permissions.	Check if microphone and speaker are enabled in the app. Ensure stable network connection. Grant necessary microphone permissions to the app on your phone.
SD card not recording	SD card full, corrupted, or not inserted correctly; recording settings incorrect.	Format the SD card via the app. Ensure the SD card is correctly inserted. Check recording settings in the app (e.g., continuous recording, motion-triggered recording). Replace SD card if corrupted.

7. SPECIFICATIONS

Feature	Specification
Brand	GUOANVISION
Model Number	P7S
Video Capture Resolution	6 Megapixels
Number of Channels	2 (Dual Lens)
Wireless Communication Technology	Wi-Fi (2.4GHz)
Form Factor	Dome
Viewing Angle	360 Degrees (Pan)
Installation Type	Wall Mount
Night Vision Range	66 inches (Note: This value is as provided and may refer to a specific measurement, not typical range in feet/meters.)
Frame Rate	30 fps
Material	Plastic
Voltage	12 Volts
Wattage	66 Watts (Note: This value is as provided and is unusually high for a security camera.)
Item Dimensions (L x W x H)	17.3 x 14.7 x 11.4 cm
Water Resistance Level	IP66 Waterproof
Recommended Uses	Outdoor Surveillance

Feature	Specification
Compatible Devices	Smartphone, Computer, MacBook, NVR (supporting >6MP resolution), Tablet, Amazon Alexa
Power Source	Corded Electric

8. WARRANTY AND SUPPORT

GUOANVISION provides a **1-year warranty** for the P7S security camera. For any issues or inquiries, please contact our customer support. We offer **20-hour online service** to assist you with setup, operation, or troubleshooting.

Please note: The camera is compatible only with NVRs that support resolutions higher than 6 Megapixels.