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Dosilkc DS-QS29

Dosilkc 1080P PTZ Outdoor Security Camera User Manual

Model: DS-QS29

1. INTRODUCTION

The Dosilkc 1080P PTZ Outdoor Security Camera is designed to provide comprehensive surveillance for your home or business. Featuring dual lenses, pan-tilt-zoom capabilities, AI human detection, and color night vision, this camera offers advanced monitoring and communication features. This manual provides detailed instructions for setting up, operating, and maintaining your security camera.



Image: The Dosilkc 1080P PTZ Outdoor Security Camera, showcasing its dual lens design and two antennas, alongside a smartphone displaying the camera's app interface with live views.

2. WHAT'S IN THE BOX

Please check the package contents carefully upon opening to ensure all items are present and in good condition.

- 1080P Dual Lens Outdoor Security Camera
- 1m DC 12V Power Adapter
- User Manual (this document)
- Network Cable Waterproof Cover
- Screw Bag (for mounting)

3. PRODUCT FEATURES

The Dosilkc security camera is equipped with a range of features to enhance your surveillance experience:

- **Dual Lens Dual Screen PTZ:** Features two 2.8mm lenses, one fixed and one with 355° horizontal and 90° vertical rotation, providing a 360° view with minimal blind spots. Supports dual screen view for comprehensive monitoring.
- **1080P HD Color Night Vision:** Delivers 4MP (2MP+2MP 1920*1080P) full HD images and video. Equipped with white and infrared lamps for automatic day/night mode switching, offering clear night vision up to 98ft, including color night vision.
- **AI Human Detection & Tracking:** Utilizes an AI algorithm to reduce false alarms. Automatically tracks detected persons and sends real-time video/snapshots to your mobile phone. Supports setting 5 pre-positions for quick monitoring and cruise functions.
- **Two-Way Audio:** Built-in microphone and speaker allow for real-time communication through the camera.
- **Flexible Storage Options:** Supports H.265/H.264 compression. Features an SD card slot for local storage (up to 256GB, card not included) and cloud storage options.
- **Easy Installation & Remote Access:** Can be mounted on walls or ceilings. Supports 2.4G WiFi or wired LAN connection. Remote access is available via a dedicated phone application. Compatible with ONVIF protocol for integration with NVRs (Hikvision/Dahua) and third-party software (iSpy/Blue Iris/LMS). Also pairs with Amazon Alexa.
- **IP66 Waterproof:** Designed for outdoor use, capable of withstanding various weather conditions including rain, snow, and hot days.



Image: An overview of the camera's key features, including HD resolution, dual lens, audible alarm, two-way audio, IP66 waterproof rating, 2.4GHz WiFi, human detection & tracking, cloud storage, and pan/tilt capabilities.

4. PRODUCT SPECIFICATIONS

| Specification | Detail |
|--------------------------|--|
| Model Name | Dual Lens Outdoor Security Camera |
| Model Number | DS-QS29 |
| Video Capture Resolution | 1080p (2MP+2MP) |
| Connectivity Technology | Wireless (2.4G Wi-Fi), Wired (Ethernet) |
| Pan/Tilt Range | Pan 355°, Tilt 90° |
| Night Vision Range | Up to 30 meters (98 feet) |
| Storage | Micro SD Card (Max 256GB, not included), Cloud Storage |
| Two-Way Audio | Yes, built-in microphone and speaker |
| Weather Resistance | IP66 Waterproof |
| Power Source | Corded Electric (DC 12V) |
| Dimensions (L x W x H) | 3 x 4 x 6.5 inches |
| Item Weight | 1.17 pounds |
| Compatible Devices | Smartphone (Android), Digital Video Recorder (ONVIF) |
| Control Method | App, Amazon Alexa |



Image: The camera shown in various weather conditions (sunny, snowy, thundery), illustrating its IP66 waterproof and weatherproof capabilities for outdoor use.

5. SETUP GUIDE

5.1 Camera Components Overview

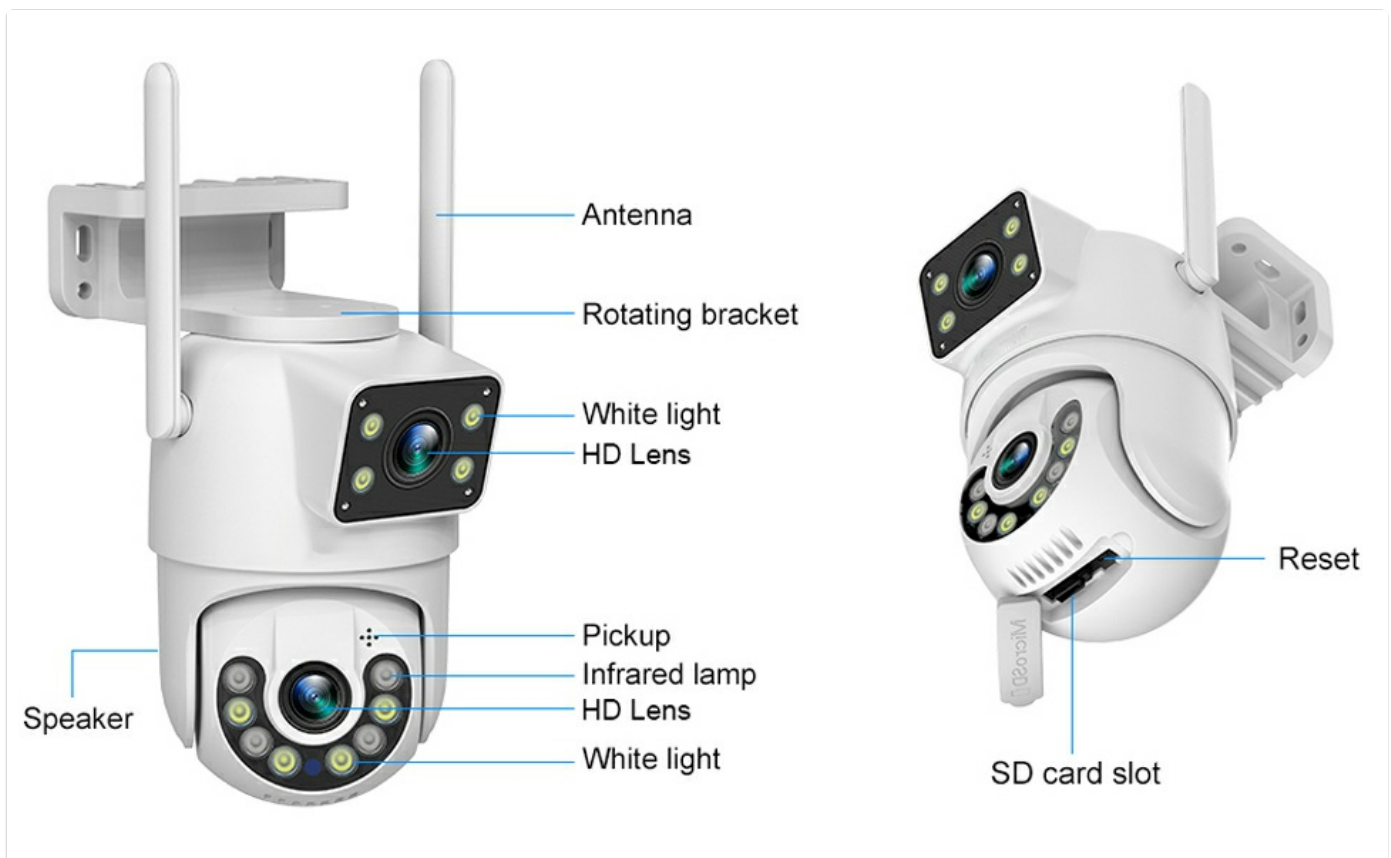


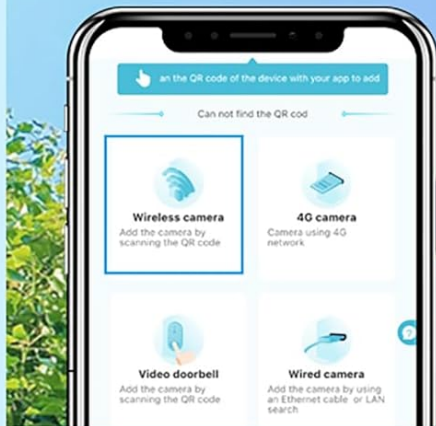
Image: A diagram labeling the various components of the camera, including antennas, rotating bracket, white lights, HD lenses, pickup, infrared lamp, speaker, reset button, and SD card slot.

5.2 Installation Steps

1. **Choose a Location:** Select a suitable outdoor or indoor location for mounting. Ensure the camera has a clear line of sight to the area you wish to monitor and is within range of your 2.4G WiFi network or can be connected via an Ethernet cable.
2. **Mount the Camera:** Use the provided screw bag to securely mount the camera to a wall or ceiling. The mounting base is designed for easy detachment and installation.
3. **Power Connection:** Connect the provided 1m DC 12V power adapter to the camera's power input. Plug the adapter into a standard electrical outlet. Consider using an extension cable if the camera is far from a power source.
4. **Network Connection:**
 - **2.4G WiFi Connection:** Ensure your smartphone is connected to a 2.4GHz WiFi network. Open the camera's dedicated app (e.g., O-KAM Pro, if applicable) and follow the in-app instructions to add the device. This typically involves scanning a QR code on the camera or entering network details.
 - **LAN Cable Connection:** For a wired connection, connect an Ethernet cable from your router to the camera's Ethernet port. Use the provided network cable waterproof cover to protect the connection if installed outdoors. The camera should automatically connect to the network.
5. **App Setup:** Download and install the recommended mobile application (e.g., O-KAM Pro) from your device's app store. Register an account and add your camera by following the on-screen prompts.

Network Connection Method

1. 2.4G WIFI Connection



2. WiFi Connection



3. LAN Cable Connect



Ethernet Cable

Image: A visual guide demonstrating the three network connection methods: 2.4G WiFi connection, general WiFi connection, and LAN cable connection, showing the camera and associated devices.

6. OPERATING INSTRUCTIONS

6.1 Live View and Dual Screen

Once connected, open the mobile app to access the live view. The dual-lens design allows for a dual-screen preview, showing both the fixed lens view and the PTZ lens view simultaneously. You can zoom in on details while maintaining an overall situational awareness.

1080P Dual Lens Linkage PTZ Outdoor Camera



Image: The camera shown with a smartphone displaying the dual-screen preview, highlighting how one screen shows an overall view and the other zooms into particulars, enabling comprehensive monitoring.

6.2 Pan, Tilt, and Zoom (PTZ) Control

Control the camera's movement directly from the app. The PTZ function allows for 355° horizontal pan and 90° vertical tilt. You can manually control the camera or enable automatic tracking.

- **Manual Control:** Use the directional controls within the app to move the camera's view.
- **Automatic Tracking:** Enable AI Human Detection to allow the camera to automatically track detected human figures within its field of view.
- **Pre-positions and Cruise:** Set up to 5 pre-defined monitoring positions. The camera can then cruise between these positions, returning to a guard position after completing a cruise cycle.
- **Digital Zoom:** Utilize the 4X digital zoom feature to magnify specific areas of interest.

355° Pan 90° Tilt

Automatic tracking or manual control at your choice



Image: The camera with arrows indicating its 355° pan and 90° tilt capabilities, alongside a smartphone screen showing the PTZ control interface within the app.

6.3 Night Vision Modes

The camera offers three night vision modes for optimal visibility in low-light conditions:

- **Day Vision:** Standard color view during daylight hours.
- **Color Night Vision:** Activates white lamps to provide full-color video even in darkness.
- **IR Night Vision:** Uses infrared lamps for black-and-white video in complete darkness, maintaining clear visibility up to 98ft.

3 Night Vision Modes

Built-in 8 LEDs, supports full-color mode, infrared mode, and day vision mode



Image: A comparison showing the camera's three night vision modes: Day Vision (full color), Color Night Vision (illuminated color), and IR Night Vision (black and white infrared).

6.4 Two-Way Audio

Use the two-way audio feature to communicate with individuals near the camera. This is useful for greeting visitors, deterring intruders, or interacting with family members.

- Activate the microphone icon in the app to speak through the camera's speaker.
- The built-in microphone captures audio from the camera's surroundings.

Two Way Talk

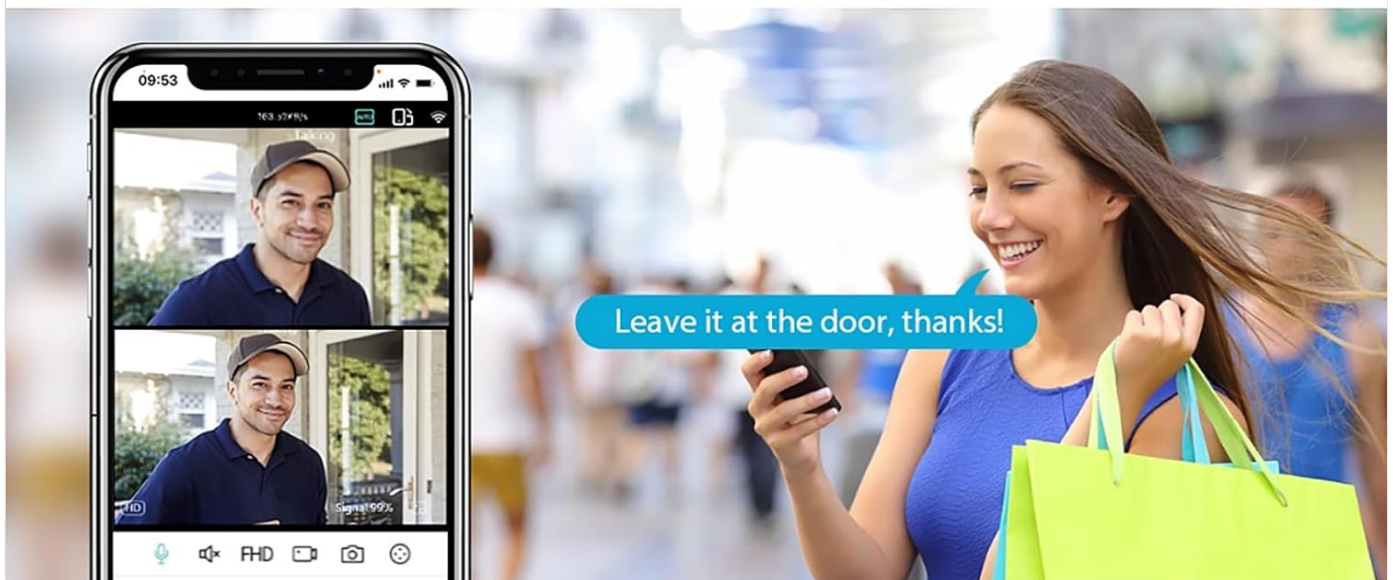


Image: A scenario demonstrating the two-way talk feature, showing a person speaking through the camera to a delivery person and another person responding via the app.

6.5 AI Human Detection & Tracking

The camera's advanced AI algorithm can distinguish human shapes from other moving objects, reducing false alarms. When a human is detected, the camera can automatically track their movement.

- **Detection Area:** Adjust the detection area and sensitivity settings within the app to customize monitoring zones.
- **Alerts:** Receive real-time notifications, videos, or snapshots on your mobile phone when human motion is detected.



Image: A visual representation of the AI humanoid tracking feature, showing the camera detecting and following human movement within a defined area.

6.6 Storage Management

The camera supports both local and cloud storage options for recorded footage.

- **Micro SD Card:** Insert a Micro SD card (up to 256GB, not included) into the camera's SD card slot for continuous or event-based recording. Ensure the card is formatted correctly via the app.
- **Cloud Storage:** Optional cloud storage services may be available through the app for secure, off-site storage of your video recordings. Refer to the app for subscription details.

Encrypted Cloud & Local Storage



Image: The camera with icons representing Micro SD card storage (up to 256GB) and cloud storage, along with a smartphone displaying playback options from various recorded events.

7. MAINTENANCE

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

- **Cleaning:** Gently wipe the camera lens and body with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials that could scratch the lens or damage the casing.
- **Firmware Updates:** Periodically check the mobile application for available firmware updates. Keeping the firmware updated ensures you have the latest features, security patches, and performance improvements.
- **Power Supply:** Ensure the power adapter and cable are not damaged or exposed to excessive strain.
- **Network Connection:** Verify that your WiFi signal is strong and stable, or that your Ethernet cable connection is secure, to prevent interruptions in monitoring.
- **Storage Management:** If using an SD card, periodically review and manage stored footage to ensure sufficient space. Back up important recordings as needed.

8. TROUBLESHOOTING

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

| Problem | Possible Cause / Solution |
|--|---|
| Camera offline / Cannot connect to network | <ul style="list-style-type: none"> • Check power supply: Ensure the camera is powered on and the adapter is securely plugged in. • WiFi signal: Verify the camera is within range of a strong 2.4GHz WiFi signal. Move the camera closer to the router if necessary. • Router issues: Restart your router. • Incorrect password: Re-enter the correct WiFi password during setup. • Ethernet connection: If using wired, ensure the cable is securely connected to both the camera and router. • Reset camera: Use the reset button (refer to component diagram) to factory reset the camera and attempt setup again. |
| Poor image quality / Blurry video | <ul style="list-style-type: none"> • Clean lens: Gently clean the camera lens with a soft cloth. • Network bandwidth: Ensure sufficient internet bandwidth for streaming. • Lighting conditions: Adjust camera placement or settings for optimal lighting. |
| Motion detection false alarms | <ul style="list-style-type: none"> • Adjust sensitivity: Lower the motion detection sensitivity in the app. • Set detection zones: Define specific areas for motion detection to ignore irrelevant movements (e.g., trees swaying). • Enable AI Human Detection: Ensure this feature is active to filter out non-human movements. |
| Two-way audio not working | <ul style="list-style-type: none"> • App permissions: Ensure the app has microphone permissions on your smartphone. • Volume settings: Check volume levels on both your phone and within the app. • Microphone/Speaker obstruction: Ensure the camera's microphone and speaker are not blocked. |
| SD card not recording / recognized | <ul style="list-style-type: none"> • Format card: Format the SD card through the camera app. • Card capacity: Ensure the SD card is not full. • Card compatibility: Use a high-quality Micro SD card (Class 10 or higher) up to 256GB. • Reinsert card: Remove and reinsert the SD card. |

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Dosilkc website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

Dosilkc Customer Support:

- Visit the Dosilkc Store on Amazon for product information and support resources.
- Refer to the contact information provided in the product packaging or on the official Dosilkc website for direct customer service.