Dahua B09SKWB2LR

Dahua Lite Series 4MP Full-Color PT Network Dome Camera User Manual

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Dahua Lite Series 4MP Full-Color PT Network Dome Camera. Please read this manual carefully before using the product and retain it for future reference. This camera is designed for surveillance applications, offering high-resolution imaging with pan and tilt capabilities, full-color night vision, and robust weather protection.

2. SETUP

2.1 Package Contents

Verify that all components are present in the package:

- Dahua Lite Series 4MP Full-Color PT Network Dome Camera
- Mounting Template
- Mounting Screws and Wall Plugs
- Waterproof Connector for Network Cable
- Quick Start Guide

2.2 Physical Installation

Choose a suitable mounting location that provides the desired surveillance coverage and is within reach of power and network connections. Ensure the mounting surface is strong enough to support the camera's weight.

Image 1: Side view of the Dahua PT Network Dome Camera, illustrating the integrated mounting bracket for wall or ceiling installation. This view highlights the camera's robust housing and the articulation point for pan and tilt movements.

1. **Mounting:** Use the provided mounting template to mark drill holes on the wall or ceiling. Drill the holes and insert the wall plugs. Secure the mounting bracket of the camera using the provided screws.

2. **Wiring:** Connect the network cable to the camera's Ethernet port. Use the waterproof connector to protect the connection from environmental elements. If not using Power over Ethernet (PoE), connect a 12V DC power adapter (not included) to the power input.

Image 2: Rear view of the Dahua PT Network Dome Camera, detailing the network port and power input. This image is useful for understanding how to connect the necessary cables for operation and ensuring proper sealing for outdoor use.

2.3 Network Connection and Initial Configuration

After physical installation and wiring, power on the camera.

1. **Power On:** Connect the power supply. The camera will perform a self-test, which may involve a brief pan/tilt movement.

2. **Network Access:** The camera typically obtains an IP address automatically via DHCP. If DHCP is not available, it will default to a static IP address (refer to the Quick Start Guide for the default IP).

3. **Web Interface:** Open a web browser on a computer connected to the same network. Enter the camera's IP address in the address bar.

4. **Login:** Enter the default username and password (usually 'admin'/'admin' or specified in the Quick Start Guide). You will be prompted to change the password upon first login for security reasons.

Image 3: Front view of the Dahua PT Network Dome Camera, showcasing the lens, IR illuminators, and white light LEDs. This perspective is crucial for understanding the camera's field of view and its full-color night vision capabilities.

3. OPERATING

3.1 Accessing the Web Interface

Once logged into the web interface, you can access various camera functions and settings.

3.2 Live View and Playback

Navigate to the 'Live View' section to see real-time video feed. The 'Playback' section allows you to review recorded footage stored on an inserted SD card or network video recorder (NVR).

3.3 PT (Pan/Tilt) Control

The camera supports pan and tilt movements. Use the directional controls within the web interface to adjust the camera's viewing angle. The pan range allows for horizontal rotation, and the tilt range allows for vertical adjustment.

3.4 Full-Color and IR/White Light Modes

This camera features both IR (infrared) and white light illumination for night vision. In low-light conditions, the camera can switch to full-color mode using its white light LEDs to capture vivid, color images, or use IR for discreet black-and-white surveillance. These modes can be configured in the camera's settings.

3.5 Recording Settings

Configure recording schedules, motion detection triggers, and storage locations (e.g., local SD card, NVR, NAS) through the recording settings menu.

3.6 Motion Detection

Set up motion detection zones and sensitivity levels to trigger alarms, recordings, or notifications when movement is detected within the specified areas.

4. MAINTENANCE

4.1 Cleaning the Lens

Regularly clean the camera lens with a soft, dry cloth to ensure clear image quality. Avoid using abrasive cleaners or solvents.

4.2 Firmware Updates

Periodically check the Dahua official website for firmware updates. Keeping the firmware updated ensures optimal performance, security, and access to new features. Follow the instructions provided with the firmware update package carefully.

4.3 Regular Checks

Inspect the camera's physical condition, mounting, and cable connections periodically to ensure everything is secure and free from damage.

4.4 Environmental Considerations

The camera has an IP66 rating, indicating it is protected against dust ingress and powerful water jets. While robust, avoid directing high-pressure water streams directly at the camera. Ensure proper drainage around the installation area to prevent water accumulation.

5. TROUBLESHOOTING

5.1 Common Issues

- **No Power:** Check power connections and ensure the power adapter (if used) is functioning. If using PoE, verify the PoE switch/injector is active.
- **No Network Connection:** Verify the Ethernet cable is securely connected. Check network settings (IP address, gateway, DNS). Ensure the camera and viewing device are on the same network or properly routed.
- **Poor Image Quality:** Clean the lens. Check lighting conditions. Adjust image settings (brightness, contrast, saturation) in the web interface.
- **PT Control Not Responding:** Ensure the camera is properly powered and connected to the network. Restart the camera.

5.2 Resetting the Camera

If issues persist, you may need to reset the camera to factory default settings. Refer to the Quick Start Guide or the camera's web interface for instructions on performing a factory reset. This will erase all custom configurations.

5.3 Contacting Support

If you encounter problems that cannot be resolved using this manual, please contact your vendor or Dahua technical support for assistance.

6. SPECIFICATIONS

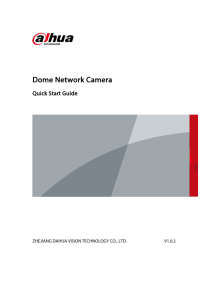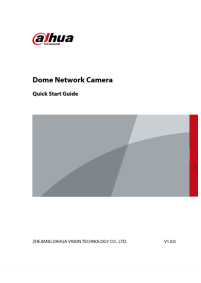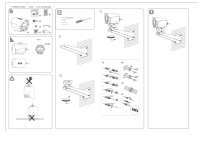| Feature	Specification
Brand	Dahua
Model Number	B09SKWB2LR
Resolution	4 Megapixels
Lens	4 mm fixed lens
Ingress Protection	IP66 (Dust tight, protected against powerful water jets)
Illumination	IR and White Light (up to 30 meters)
Camera Type	PT (Pan/Tilt) Network Dome Camera, Full-Color
Batteries Included	No
Batteries Required	No

7. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or consult the official Dahua website. Technical support can be obtained through your authorized dealer or by visiting the Dahua support portal online.

Related Documents - B09SKWB2LR

	Dahua N45EF63 4MP ePoE Night Color Network Bullet Camera with Analytics+ Detailed specifications and features of the Dahua N45EF63 4MP ePoE Night Color Network Bullet Camera, including WizMind analytics, ArcticPro capabilities, and IP67 rating for demanding outdoor surveillance applications.
	Dahua DH-IPC-HFW5449T1-ZE-LED 4MP Full-Color Bullet WizMind Network Camera Datasheet Datasheet for the Dahua DH-IPC-HFW5449T1-ZE-LED, a 4MP Full-color Vari-focal Warm LED Bullet WizMind Network Camera. Features deep learning algorithms, AI capabilities like face detection and perimeter protection, IP67 rating, and comprehensive technical specifications.
	Dahua DH-IPC-HDW1431S 4MP WDR IR Eyeball Network Camera Datasheet Detailed specifications and features of the Dahua DH-IPC-HDW1431S, a 4MP WDR IR Eyeball Network Camera with Smart Codec, IVS, IP67 protection, and PoE.

[Dahua Dome Network Camera Quick Start Guide | Installation & Setup](#)

Get started with your Dahua Dome Network Camera. This quick start guide provides essential information on installation, network configuration, operation, and maintenance for optimal performance.

[Dahua Dome Network Camera Quick Start Guide - Installation and Operation](#)

Quick start guide for Dahua Dome Network Cameras, covering installation, network configuration, safety precautions, and maintenance. Learn how to set up and operate your camera.

[Dahua ECA3A1404-HNR-XB Installation Guide](#)

Comprehensive installation guide for the Dahua ECA3A1404-HNR-XB security camera. Includes package contents, dimensions, mounting instructions, and cable connection details.