

HITOSINO HS-CUB68G2-LIA/SL

HITOSINO 4K Outdoor Bullet PoE Camera User Manual

Model: HS-CUB68G2-LIA/SL

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your HITOSINO 4K Outdoor Bullet PoE Camera. This camera is designed for both home and business security, offering advanced features for reliable surveillance.

Key features include 8MP UltraHD resolution, smart color night vision, two-way audio, advanced human and vehicle detection, and a robust IP67-rated metal housing for outdoor use.

2. WHAT'S IN THE BOX

Verify that all components are present before proceeding with installation.

- Camera Body (1)
- Quick Start Guide (1)
- Waterproof Accessories (1 set)
- Drill Template (1)
- Pack of Screws (1)

Confidence You Can Count On



2-Year
Limited Warranty



30-Day
Money-Back Guarantee



Lifetime
Technical Support

We're here to ensure your peace of mind
with every purchase.

Image: Components included in the HITOSINO 4K Outdoor Bullet PoE Camera package.

3. SPECIFICATIONS

Detailed technical specifications for the HITOSINO 4K Outdoor Bullet PoE Camera.

Feature	Description
Model Number	HS-CUB68G2-LIA/SL
Resolution	8MP UltraHD (3840 × 2160) @ 15fps
Sensor	1/2.4" CMOS
Lens	2.8mm Fixed Lens, F1.6 aperture
Viewing Angle	127 Degrees (Wide Angle)
Night Vision	Smart Color Night (up to 98ft/30m), IR Night Vision
Audio	2-Way Audio (Built-in Mic & Speaker)
Detection	Human/Vehicle Detection (Motion Detection 2.0)
Deterrent	Strobe Lights & Audio Warnings
Connectivity	PoE (Power over Ethernet), Ethernet, ONVIF
Storage	MicroSD/MicroSDHC/MicroSDXC card (up to 512GB), HITOSINO NVRs, FTP
Video Compression	H.265+/H.265/H.264+/H.264
Weather Resistance	IP67 Rated, Full Metal Housing
Operating Temperature	-30°C to 60°C (-22°F to 140°F)

Feature	Description
Dimensions (L x W x H)	7.1 x 2.7 x 2.7 inches (179 x 69.1 x 67.4 mm)
Weight	1.35 pounds

Built to Brave the Elements

Rain, snow, or shine, our robust security PoE camera is always on guard and capturing every detail.



IP67
Waterproof



Metal
Housing



-30 °C/-22 °F



60 °C/140 °F





Residences



Warehouse



Store



Office

Image: Detailed overview of the camera's physical features and dimensions.

4. SETUP

4.1 Mounting the Camera

The camera supports both ceiling and wall mounting. Use the provided drill template to mark the screw holes accurately.

1. Choose a suitable mounting location that provides the desired viewing angle and is within reach of your network cable.
2. Place the drill template on the wall or ceiling and mark the screw holes.
3. Drill holes according to the marks and insert wall anchors if necessary.
4. Secure the camera base to the mounting surface using the provided screws.
5. Adjust the camera angle as needed.

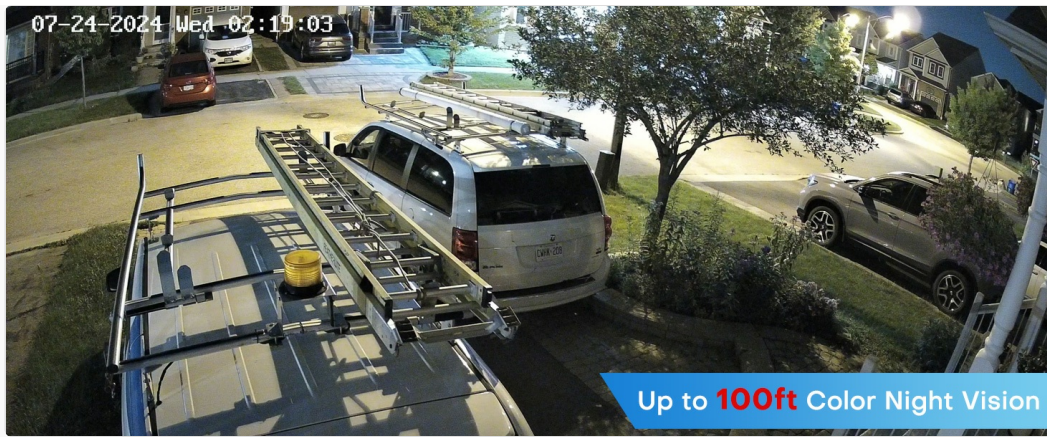


Image: Wall Mount and Ceiling Mount installation examples.

4.2 Connecting the Camera

The camera supports various connection methods:

Standalone Use with 12V 2A Power Adapter (Not Included)

Connect the camera to a router using an Ethernet cable and power it with a 12V 2A power adapter. This setup allows monitoring via laptop or smartphone.



Image: Standalone camera setup using a 12V 2A power adapter.

Standalone Use with PoE Switch

For simplified wiring, connect the camera to a PoE switch using a single Ethernet cable. The PoE switch provides both power and data. Connect the PoE switch to your router.



Image: Standalone camera setup using a PoE switch.

Connect to HITOSINO/Hikvision Non-PoE NVR

Connect the camera to a PoE switch, then connect the PoE switch to your Non-PoE NVR. Ensure the NVR is connected to a monitor and mouse for local access.

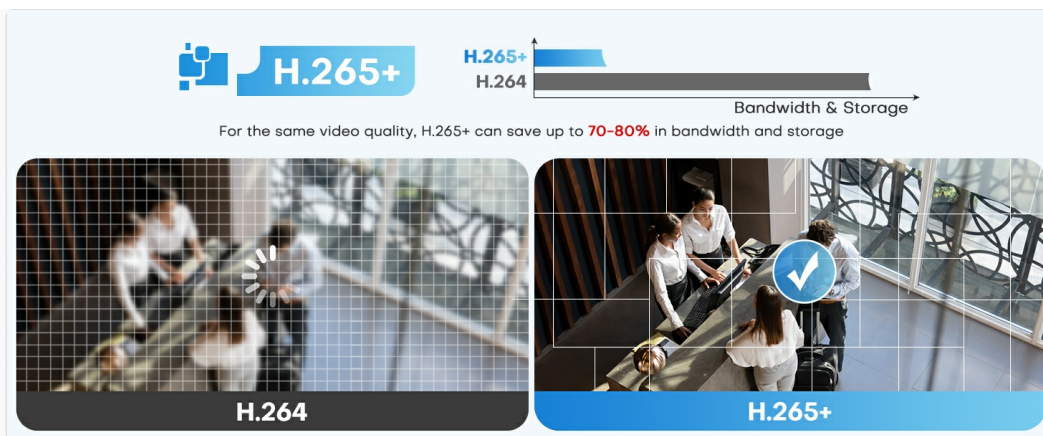


Image: Connecting the camera to a Non-PoE NVR.

Connect to HITOSINO/Hikvision PoE NVR

Directly connect the camera to a PoE NVR using an Ethernet cable. The NVR provides power and data. Connect the NVR to your router, monitor, and mouse.

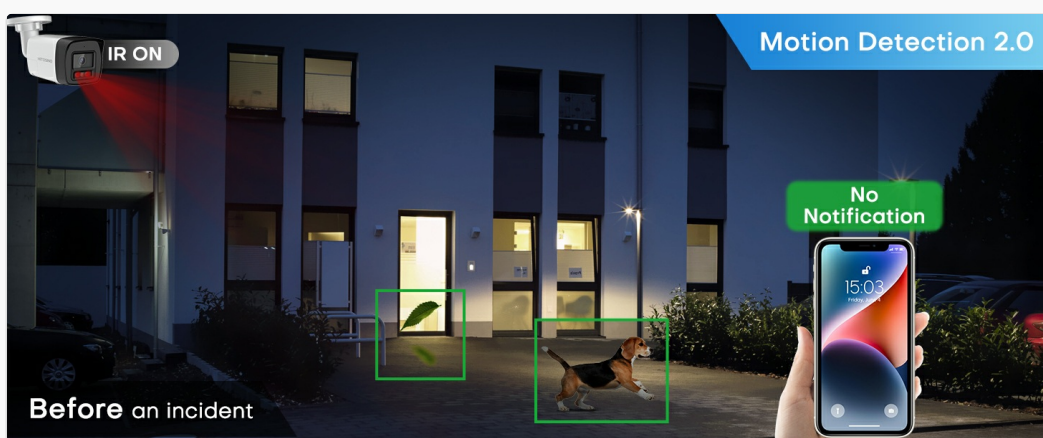


Image: Connecting the camera to a PoE NVR.

4.3 Initial Setup Tips

- Ensure all devices are properly powered up and correctly connected.
- The default IP address of the camera is **192.168.1.64**, and DHCP is enabled by default. When connected to your router, the camera should automatically be assigned a valid IP address.
- For this value series, unlike Hikvision branded or HITOSINO white label products, ONVIF is enabled by default. When using with a third-party PoE NVR, ensure you know the NVR's built-in IP address and adjust the camera's IP address to the same network segment accordingly. For full functionality, it is recommended to use a HITOSINO or Hikvision NVR.

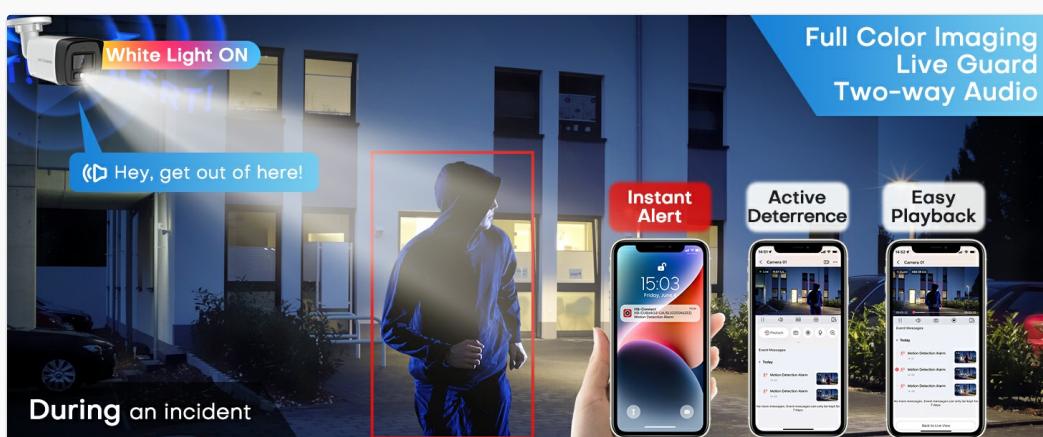


Image: Important tips for camera network configuration.

5. OPERATING THE CAMERA

5.1 Night Vision Modes

The camera offers three distinct night vision modes to suit various lighting conditions:

- **White Light:** Provides 24/7 full-color imaging up to 100ft (30m). Ideal for clear, detailed color footage in complete darkness.
- **IR Light:** Offers crystal clear white and black imaging up to 100ft (30m) using infrared illumination. Suitable for discreet monitoring.
- **Smart Dual Light:** Intelligently switches between IR and white light. The camera uses IR for general monitoring and activates white light for full-color imaging when human or vehicle motion is detected, capturing crucial details.



Image: Visual representation of the three night vision modes.

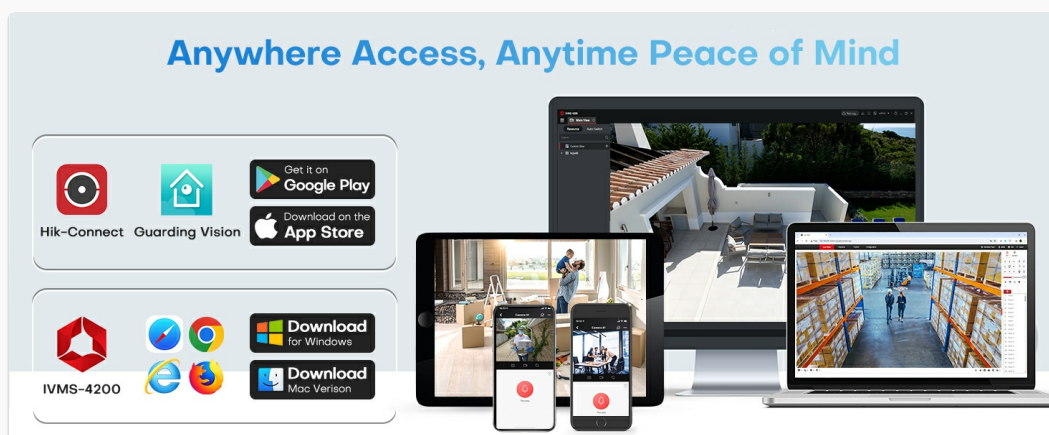


Image: Example of IR night vision footage.

Application Scenarios—One Camera Fits More

- 1 Residences**
 - Light up the way for family at night
 - Keeps your home secure by deterring trespassers
- 2 Retail Store**
 - Quick target search with motion detection 2.0
 - Deter potential trespassers when the store is closed
- 3 Office**
 - Vivid color monitoring keeps your business secure
 - Safeguards your assets after hours like a guard
- 4 City Streets**
 - Brilliant and vivid imaging even in dim environments
 - No unwanted or excessive light pollution

Image: Example of color night vision footage.

5.2 Motion Detection 2.0 (Human & Vehicle Detection)

The camera features advanced Motion Detection 2.0 technology, which intelligently distinguishes between humans and vehicles, significantly reducing false alarms caused by animals, rain, or falling leaves. This ensures you receive accurate and relevant notifications.

- When connected to a HITOSINO/Hikvision NVR, footage is automatically sorted into 'Human' and 'Vehicle' files for quick and efficient searching.

Motion Detection 2.0

Human Vehicle Human

Ordinary cameras

HS-CUB68G2-LIA/SL

Motion Detection 2.0

Focus on What Matters

Human & Vehicle

The image shows two smartphones side-by-side. The left phone, labeled 'Ordinary cameras' with a red X, displays a notification history with multiple 'Motion Detection Alarm' messages from 'Hik-Connect Camera 01F36474334' at various times (now, 1m ago, 2m ago, 3m ago, 4m ago, 5m ago). The right phone, labeled 'HS-CUB68G2-LIA/SL' with a green checkmark, displays a notification history with only two 'Motion Detection Alarm' messages from 'Hik-Connect HS-CUB68G2-LIA/SL (Q25546253)' at 1m ago and 1m 30s ago. The background of the right phone shows a blue, futuristic face-like pattern.

Image: Motion Detection 2.0 focusing on human and vehicle detection.

Real-Time Communication

Talk to visitors or deter intruders with real-time two-way audio.



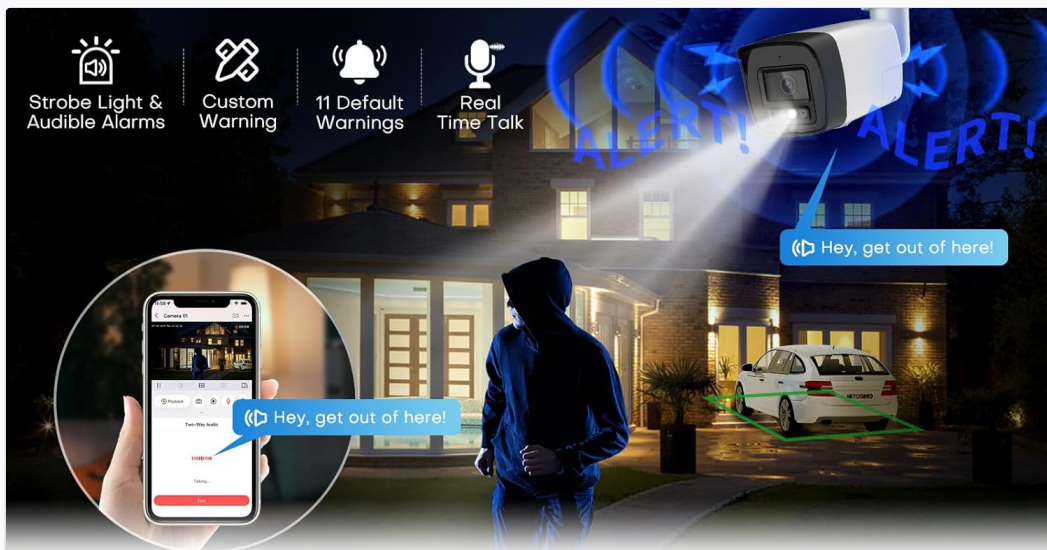
Image: How Motion Detection 2.0 reduces false alarms.

Image: Quick target search feature when connected to a HITOSINO/Hikvision NVR.

5.3 Active Deterrence (Strobe Light & Audible Alarms)

The camera is equipped with active deterrent features to warn off potential intruders before an incident occurs. When motion is detected, the camera can activate a strobe light and play pre-recorded audio warnings.

- **Strobe Light:** A bright flashing light designed to startle and deter intruders.
- **Audible Alarms:** Choose from 11 default warnings or customize your own audio messages to play through the built-in speaker.



Caught Them on the Spot

Warn off intruders instantly with flashing lights and alarm sounds.



Image: Active deterrence features in action, showing strobe light and audible alarms.

Standalone Use with 12V 2A Power Adapter

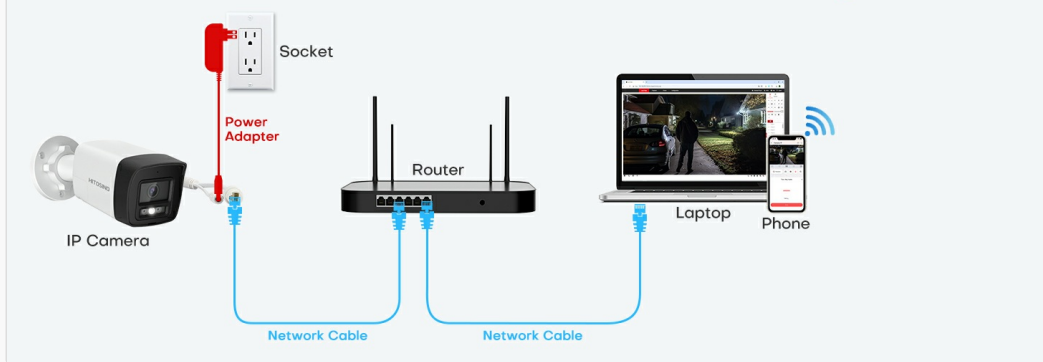


Image: Active deterrence in action, showing instant alerts and two-way audio.

5.4 Real-Time Communication (Two-Way Audio)

The built-in microphone and speaker enable two-way audio communication. You can talk to visitors or deter intruders directly through the camera using the Hik-Connect app.

Real-Time Communication

Talk to visitors or deter intruders with real-time two-way audio.

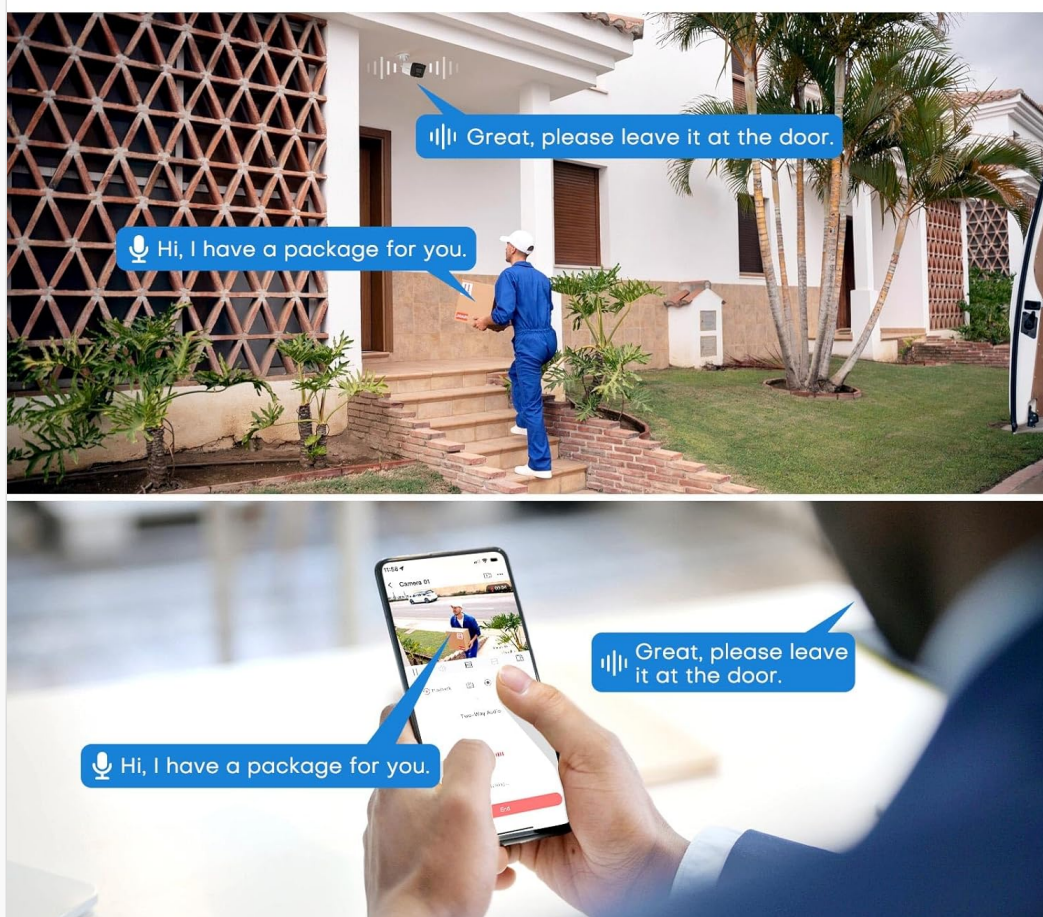


Image: Real-time two-way audio communication feature.



Image: Another illustration of real-time two-way audio communication.

5.5 Remote Access and Management

Access your camera feed and manage settings from anywhere using compatible applications and software:

- **Hik-Connect / Guarding Vision APP:** Available for iOS and Android smartphones for remote access, real-time notifications, and two-way audio.
- **IVMS-4200:** Desktop client for PC (Windows/Mac) for comprehensive camera management.
- **SADP Tool:** For PC, used for camera activation and IP address modification.

Anywhere Access, Anytime Peace of Mind

Windows iOS/Mac Android

Hik-Connect Guarding Vision

Get it on Google Play Download on the App Store

IVMS-4200 Download for Windows Download Mac Verison

Image: Remote access options via mobile apps and desktop software.

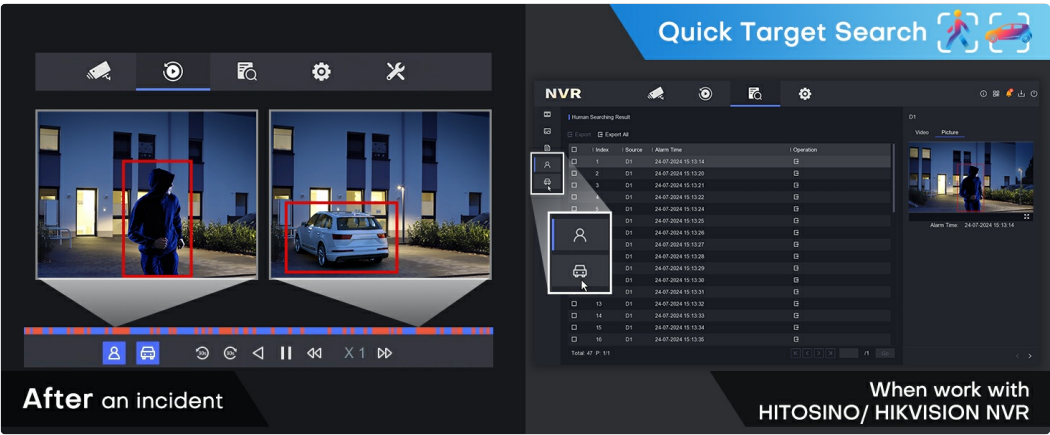


Image: Accessing camera feeds from various devices.

5.6 Local Storage (Micro SD Card Slot)

The camera features a built-in microSD card slot, supporting cards up to 512GB (card not included). This allows for standalone recording without the need for a separate NVR or cloud subscription, providing a cost-effective storage solution.



Image: Built-in Micro SD card slot for local storage.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your camera.

- **Cleaning:** Gently wipe the camera lens and housing with a soft, damp cloth. Avoid abrasive cleaners or solvents.
- **Firmware Updates:** Periodically check the HITOSINO official website or your Hik-Connect/IVMS-4200 application for available firmware updates. Keeping the firmware updated ensures access to the latest features and security enhancements.
- **Cable Inspection:** Regularly inspect all cables and connections for any signs of wear, damage, or corrosion, especially for outdoor installations.
- **Environmental Protection:** While the camera is IP67 rated, ensure it is not submerged in water or exposed to extreme conditions beyond its specified operating temperature range.

7. TROUBLESHOOTING

This section addresses common issues you might encounter.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No image/video feed	No power; Network cable disconnected; Incorrect IP address; NVR/software issue.	Check power supply/PoE connection. Ensure Ethernet cable is securely connected. Verify camera's IP address is in the same network segment as your NVR/router. Restart camera, NVR, or viewing software.
Poor image quality	Dirty lens; Insufficient lighting; Network bandwidth issues; Incorrect settings.	Clean the lens. Ensure adequate lighting for the chosen night vision mode. Check network connection speed. Adjust image settings (e.g., WDR, 3D DNR) in the camera's web interface or NVR.
Motion detection not working or too many false alarms	Incorrect detection zone setup; Sensitivity too high/low; Environmental factors.	Adjust motion detection zones to exclude irrelevant areas. Modify sensitivity settings. Ensure Motion Detection 2.0 (Human/Vehicle Detection) is enabled for reduced false alarms.
Cannot access camera remotely	Network configuration issues (port forwarding, UPnP); App not configured correctly.	Ensure your router's port forwarding is correctly set up for the camera/NVR, or UPnP is enabled. Verify app settings and account login. Check internet connectivity.
Two-way audio not functioning	Microphone/speaker disabled; Volume too low; App permissions.	Check audio settings in the camera's web interface or app to ensure microphone and speaker are enabled and volume is adequate. Grant necessary microphone permissions to the app on your smartphone.

If you encounter issues not listed here or require further assistance, please contact HITOSINO customer support.

8. WARRANTY AND SUPPORT

HITOSINO is committed to providing reliable security solutions and excellent customer service.

- **1-Year Limited Warranty:** Your HITOSINO 4K Outdoor Bullet PoE Camera is covered by a 1-year limited warranty from the date of purchase, covering manufacturing defects.
- **30-Day Money-Back Guarantee:** If you are not satisfied with your purchase, you may be eligible for a refund within 30 days.
- **Lifetime Technical Support:** HITOSINO provides lifetime technical support for this product.

For warranty claims, technical assistance, or any inquiries, please visit the official HITOSINO website or contact their customer support team through the contact information provided on their website or your purchase platform.


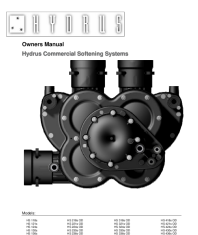
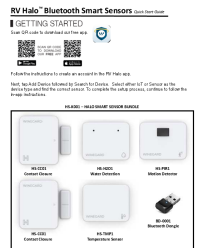
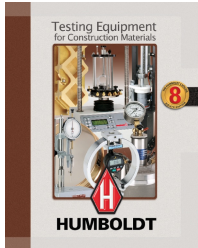



Image: HITOSINO's commitment to customer satisfaction and support.

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Related Documents - HS-CUB68G2-LIA/SL

	<p>HITOSINO HS-ET08G2-LI2A 8MP Acusense Smart Hybrid Light Network Camera Datasheet</p> <p>Detailed datasheet for the HITOSINO HS-ET08G2-LI2A, an 8MP Acusense Smart Hybrid Light Fixed Turret Network Camera. Discover its advanced features including deep learning analytics, superior low-light imaging, robust H.265+ compression, and IP67 environmental protection.</p>
	<p>Kinetico Hydrus Commercial Softening Systems Owners Manual</p> <p>Comprehensive owners manual for Kinetico Hydrus Commercial Softening Systems, detailing operation, system configuration, maintenance, troubleshooting, and design features. Covers models HS 118s through HS 442s OD.</p>
	<p>RV Halo Bluetooth Smart Sensors Quick Start Guide</p> <p>A quick start guide for setting up RV Halo Bluetooth Smart Sensors, including instructions for downloading the app, pairing devices, and regulatory compliance information.</p>
	<p>Humboldt Testing Equipment for Construction Materials - Catalog</p> <p>Humboldt Mfg. Co.'s 8th edition catalog features a wide range of testing equipment for construction materials, focusing on soil analysis, density, moisture, and compaction. Discover advanced gauges, meters, and apparatus for quality control and project compliance.</p>
	<p>Hitosino HS-VUT04G2H-LIA: 4MP Smart Hybrid Light ColorVu Fixed Turret Network Camera</p> <p>Explore the Hitosino HS-VUT04G2H-LIA, a 4MP Smart Hybrid Light ColorVu Fixed Turret Network Camera. This datasheet details its advanced imaging, WDR technology, H.265+ compression, deep learning capabilities, and comprehensive specifications for professional surveillance applications.</p>



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