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lifoarey RL-XE822DS-PB4733

Lifoarey 1080P Security Camera Instruction Manual

Model: RL-XE822DS-PB4733

PRODUCT OVERVIEW

The Lifoarey 1080P Security Camera is a wired CCTV camera designed for both indoor and outdoor surveillance. It features 1080P HD resolution, a 4-in-1 video output system (AHD/TVI/CVI/CVBS), and robust IP67 weatherproof construction. Equipped with infrared LEDs, it provides clear black and white night vision up to 100 feet.



Figure 1: Lifoarey 1080P Security Camera. This image displays the black bullet-style camera with its mounting base and lens,

highlighting its compact and durable design.

SETUP AND INSTALLATION

This camera requires connection to a Digital Video Recorder (DVR) for operation and recording. A BNC cable and power supply are not included and must be acquired separately.

1. Video Output Mode Selection

The camera supports four video output modes: TVI, CVI, CVBS, and AHD. The default setting is 1080P@30fps HD-TVI. To switch modes, use the toggle switch located on the camera's cable. Ensure your DVR supports 1080P or higher resolution for optimal performance.

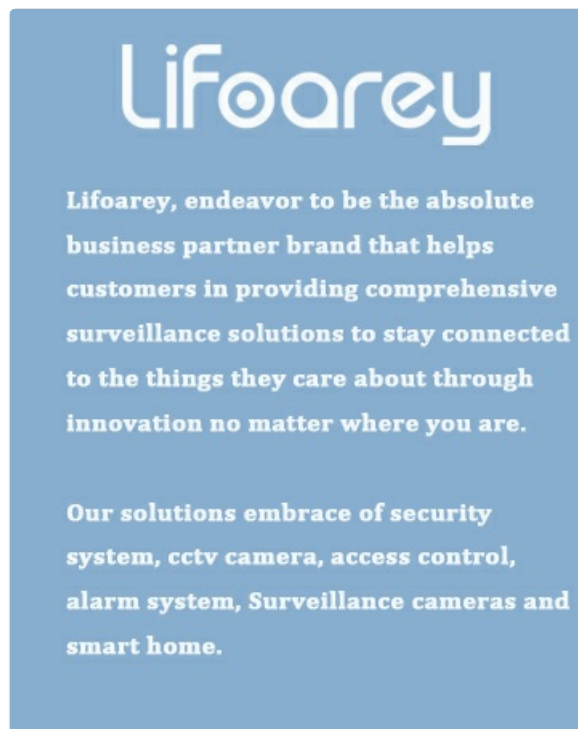


Figure 2: Camera Connections and Mode Switch. This diagram illustrates the power input, video output, and the toggle switch for selecting between HD TVI, AHD, Analog (CVBS), and HD CVI video formats.

2. Mounting the Camera

The camera features a 3-axis mounting bracket, allowing for flexible installation on walls or ceilings. This bracket enables 180° horizontal angle adjustment and 360° orbital angle adjustment for precise positioning.

After-sales Support



2-Year
Limited Warranty



24/7
Online Support



Lifetime
Technical Support

Figure 3: 3-Axis Mounting Bracket. This image demonstrates the camera's versatile mounting capabilities, showing how it can be adjusted horizontally and orbitally for optimal viewing angles on various surfaces.

OPERATION

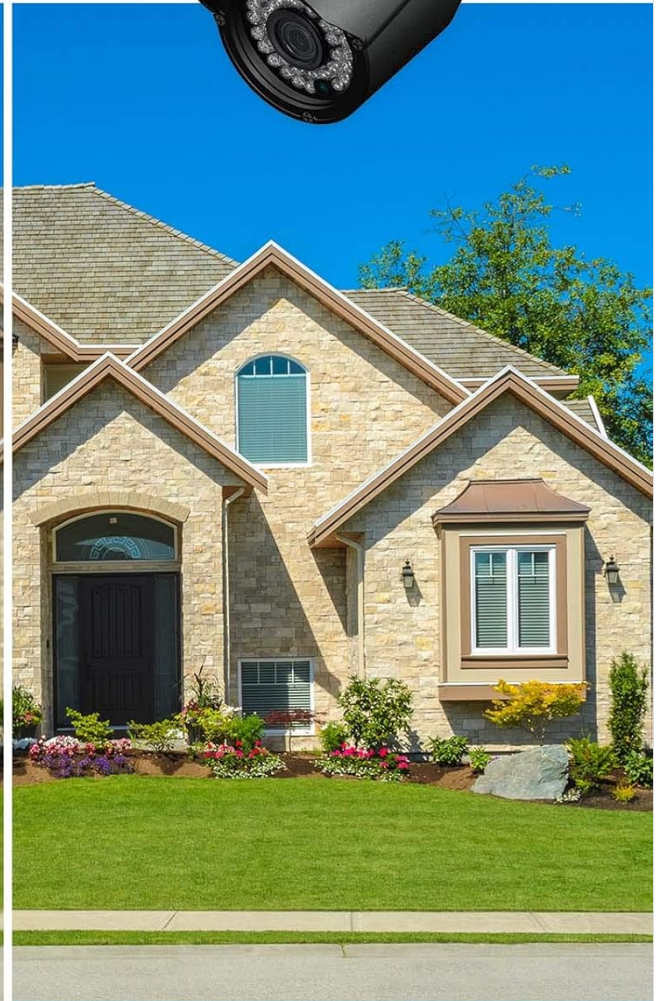
1. Video Quality

The camera provides 1080P (1920x1080) Full HD video resolution, ensuring clear and detailed footage. The 3.6mm lens offers an 82.2° viewing angle, suitable for covering a wide area.

1080P HD Footage



720P HD 1280x720



1080P HD 1920x1080

Figure 4: 1080P HD Footage Comparison. This image compares 720P HD (1280x720) footage with 1080P HD (1920x1080) footage, demonstrating the superior clarity and detail provided by the 1080P resolution.

2. Night Vision

Equipped with 36 infrared (IR) LEDs, the camera delivers excellent black and white night vision up to 100 feet (approximately 30 meters). During the day, the camera captures color images, switching to black and white in low-light conditions.



Figure 5: Day and Night Vision. This image illustrates the camera's capability to capture clear images in both daytime (color) and nighttime (black and white infrared) conditions.

3. Recording and Monitoring

When connected to a compatible DVR, the camera supports 24/7 continuous recording. Motion detection features can be configured through your DVR system, often providing alerts via email or app push notifications.

Your browser does not support the video tag.

Video 1: Security Camera Use Scenes. This short video demonstrates various indoor and outdoor scenarios where the security camera can be effectively utilized for surveillance.

MAINTENANCE

The Lifoarey security camera is built with a durable metal housing and boasts an IP67 weatherproof rating, making it suitable for outdoor use in various environmental conditions, including heat, lightning, cold, and rain. Regular cleaning of the lens with a soft, damp cloth is recommended to ensure optimal image clarity.



Figure 6: IP67 Weatherproof Features. This image highlights the camera's resilience against various weather conditions such as heat exposure, lightning, cold, and water, ensuring reliable outdoor performance.

TROUBLESHOOTING

If you encounter issues with your Lifoarey security camera, please refer to the following common troubleshooting tips:

- **No Video Output:** Ensure the camera is properly connected to a compatible DVR. Verify that the video output mode (TVI/CVI/CVBS/AHD) selected via the toggle switch matches your DVR's input settings. Confirm that the power supply is connected and functioning.
- **Poor Image Quality:** Check for obstructions on the camera lens and clean it if necessary. Ensure the camera is receiving adequate power. Verify that your DVR supports 1080P resolution for the camera's output.
- **Night Vision Issues:** Confirm that the area is sufficiently dark for the IR LEDs to activate. Ensure no objects are blocking the IR lights.

- **Compatibility with Older DVRs:** This 2-Megapixel camera may not work with 960H/720P DVRs. The camera's resolution must be equal to or lower than the DVR's maximum supported resolution.

For further assistance, please contact customer support.

SPECIFICATIONS

Feature	Detail
Model Number	RL-XE822DS-PB4733
Video Capture Resolution	1080p (2 MP Effective Still Resolution)
Connectivity Technology	Wired (Ethernet protocol)
Video Output Modes	AHD/TVI/CVI/CVBS (4-in-1, switchable)
Night Vision Range	100 feet (36 IR LEDs)
Viewing Angle	82.2 Degrees (3.6mm lens)
Weatherproof Rating	IP67
Material	Aluminum (Metal Housing)
Power Source	Corded Electric (12 Volts DC)
Dimensions (L x W x H)	6.4 x 2.6 x 2.6 inches
Item Weight	14.9 ounces
Included Components	Only a camera (BNC cable and power supply not included)

WARRANTY AND SUPPORT

Lifoarey provides comprehensive support for your security camera:

- **Warranty:** 2-year limited warranty.
- **Technical Support:** Lifetime technical support.
- **Customer Support Email:** support@lifoarey.com

For any questions or assistance, please do not hesitate to contact our support team.