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› Lifoarey 5MP Outdoor Security Camera Instruction Manual

lifoarey RL-XE0B5DS-PB3A9F

Lifoarey 5MP Outdoor Security Camera Instruction Manual

Brand: Lifoarey | **Model:** RL-XE0B5DS-PB3A9F

5MP Outdoor Security Camera, Full-time Color Wired Security Camera, Analog Surveillance CCTV Camera 4-in-1, TVI/CVI/AHD/CVBS, 24/7 Recording Add-On Camera with 100 ft Colorful Night Vision

1. PRODUCT OVERVIEW

The Lifoarey 5MP Outdoor Security Camera is a high-definition surveillance solution designed for comprehensive home and property monitoring. It delivers superior image clarity and vibrant color night vision, ensuring detailed footage around the clock.

Key Features:

- **5MP Super HD Resolution:** Captures 2560 × 1920 pixel images, providing significantly more detail than 1080P cameras.
- **24/7 Colorful Night Vision:** Equipped with 2 warm light LEDs, offering up to 50ft of full-color night vision, allowing for better identification of subjects and objects in low-light conditions.
- **Multi-compatible 4-in-1:** Supports 5MP TVI, 5MP CVI, 5MP AHD, and 960H CVBS video outputs, ensuring broad compatibility with various DVR systems.
- **Durable IP66 Weatherproof Design:** Built to withstand harsh weather conditions, suitable for both indoor and outdoor installation.
- **Wide Viewing Angle:** Features an 82.2° view angle with a 3.6mm lens.



Figure 1.1: Lifoarey 5MP Outdoor Security Camera. This image shows the white bullet-style camera with its mounting base, highlighting its sleek design and front lens with two warm light LEDs.

2. WHAT'S IN THE BOX

Upon opening the package, please verify that all the following components are included:

- 1 x Lifoarey 5MP Outdoor Security Camera

Note: This camera does not include a DVR, power adapter, or video power cable. These components must be purchased separately.

3. SETUP GUIDE

Follow these steps to set up your Lifoarey 5MP Outdoor Security Camera system. For a visual guide, please refer to the setup video below.

Video 3.1: Connect analog CCTV camera to DVR, Set up security system. This video provides a step-by-step demonstration of how to connect the analog CCTV camera to a DVR and set up the security system.

3.1. Connection Diagram

The following diagram illustrates the complete connection setup for the camera, DVR, monitor, and network components.

4-in-1 Highly Compatible



Figure 3.1: 4-in-1 Compatibility Diagram. This image displays how the camera connects to different DVR types (TVI, AHD, CVI, CVBS) and the necessary cables for power and video input.

3.2. Step-by-Step Installation

1. Step 1: Power on DVR and Connect to Monitor

Power on your Digital Video Recorder (DVR) and connect it to a monitor using an HDMI cable. Ensure the monitor is powered on and set to the correct input source.

2. Step 2: Connect Cameras to DVR with BNC Cables

Connect the cameras to the DVR using BNC cables. Power on the power splitters cable and connect it to the DC12VIN interface of the BNC cable. Then, connect the BNC cable to the VIDEO IN interface of the DVR. Finally, connect the cameras to the BNC cable.

3. Step 3: Connect DVR to Router via Network Cable

For remote access and network features, connect the DVR to your router using a standard network (Ethernet) cable. This will enable online viewing and management of your security system.

3.3. Mounting the Camera

The camera features a 3-axis mounting bracket for flexible installation on walls or ceilings. This allows for precise angle adjustment and provides vandal-proof wire protection.



Figure 3.2: 3-Axis Mounting Bracket. This image illustrates the camera's versatile mounting options, showing it installed on a wall and ceiling, and demonstrating its 180-degree and 360-degree rotation capabilities for optimal positioning.

4. OPERATING INSTRUCTIONS

4.1. 24/7 Colorful Night Vision

This camera is designed to produce a colorful image even in extremely dimly lit environments. The two warm light LEDs activate automatically in low light, illuminating the area to capture more details such as car color, clothes

color, and hair color. This feature significantly aids in identifying individuals or objects in darkness, enhancing security.

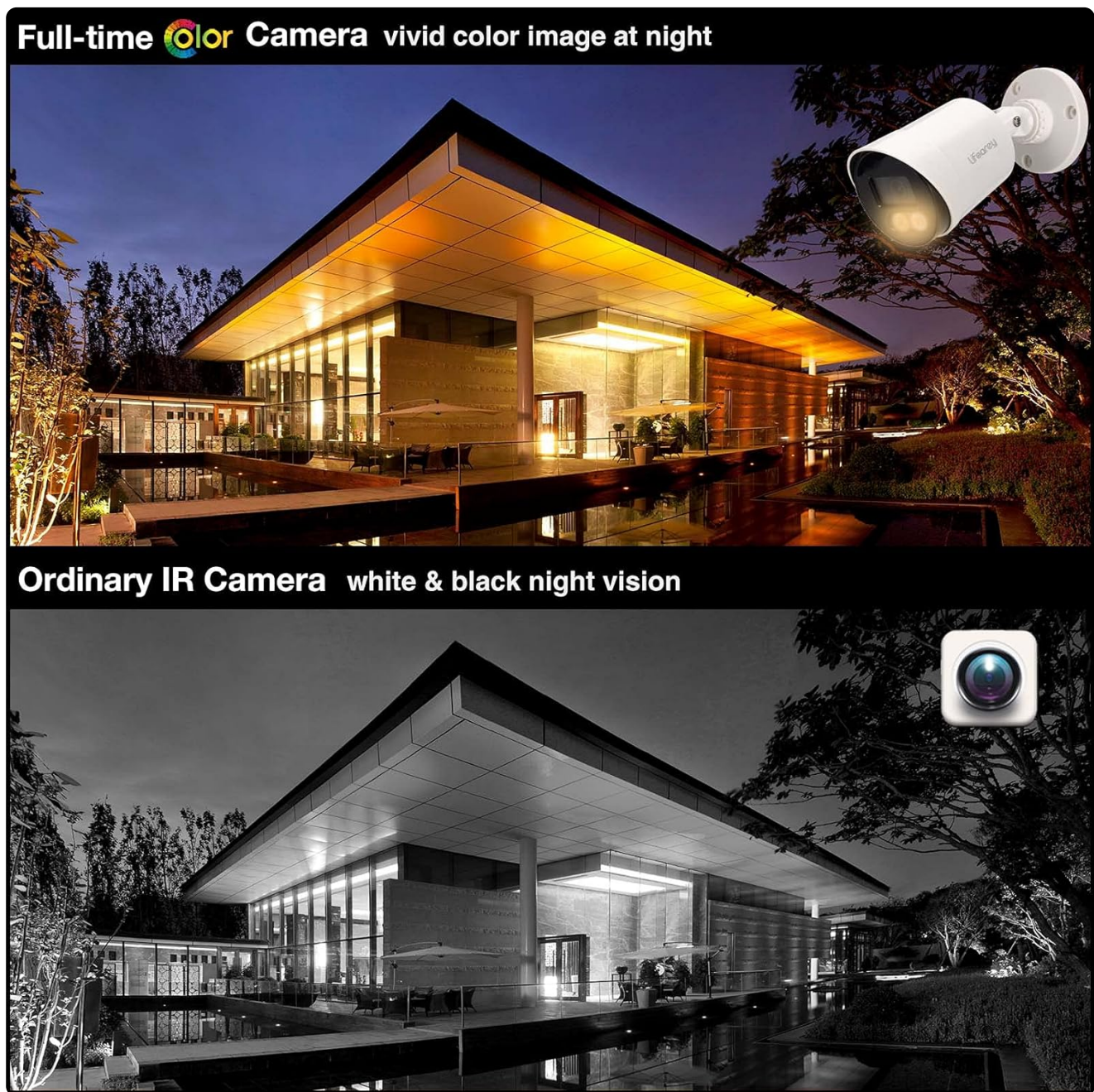


Figure 4.1: Night Vision Comparison. This image contrasts the vivid color image produced by the full-time color camera at night with the black and white night vision of an ordinary IR camera, demonstrating the superior detail captured by the Lifoarey camera.

4.2. Video Output Modes (4-in-1)

The camera supports four different video output formats: 5MP TVI, 5MP CVI, 5MP AHD, and 960H CVBS. This allows for compatibility with a wide range of DVR systems. The camera's resolution must be equal to or lower than the DVR's resolution for proper functionality.

5. MAINTENANCE

5.1. Cleaning the Camera

To ensure optimal performance and clear image quality, periodically clean the camera lens and housing. Use a soft, lint-free cloth. For stubborn dirt, a slightly damp cloth can be used, followed by a dry cloth. Avoid using harsh chemicals or abrasive materials.

5.2. Weather Resistance

The camera has an IP66 weatherproof rating, meaning it is protected against dust and powerful water jets. While designed for durability in various weather conditions, regular inspection for any physical damage or blockages (e.g., spiderwebs, debris) is recommended to maintain its effectiveness.



Figure 5.1: Durable IP66 Weatherproof Camera. This image shows the camera being exposed to rain, with icons indicating its resistance to heat exposure, lightning, cold, and water, emphasizing its robust design for outdoor use.

6. TROUBLESHOOTING

This section addresses common questions and issues you might encounter with your security camera.

- **Q: Does the camera come with a power supply or cable?**

A: No, the camera does not come with a power supply or the cable that runs back to the DVR. These must be acquired separately.

- **Q: What BNC cables are available?**

A: A BNC is a standard coaxial cable. Note that you will still need to run a separate cable for power. Converters are available to allow the use of CAT network cable as well.

- **Q: Does this camera support inserting a microSD card?**

A: No, this is an analog camera designed to be run in a DVR using BNC cables with a power split. It does not support microSD cards for local storage.

- **Q: Will this camera work with an older Samsung SDR-5102 DVR or Swann DVR 4-4400H?**

A: This camera cannot work with 960H/720P DVRs because the camera's resolution is 5-Megapixel. In general, the resolution of the camera must be lower than or equal to the DVR's resolution for compatibility.

- **Q: The product description states it can output CVI/AHD/CVBS, but it only outputs TVI.**

A: While the product is advertised as 4-in-1 compatible, some users have reported that it may default to TVI format. Ensure your DVR is compatible with 5MP TVI. If you experience issues, contact customer support for assistance with mode switching or compatibility.

7. SPECIFICATIONS

Attribute	Value
Brand	lifoarey
Model Number	RL-XE0B5DS-PB3A9F
Video Capture Resolution	5 MP
Connectivity Technology	Wired
Indoor/Outdoor Usage	Indoor, Outdoor
Special Feature	HD Resolution: 5MP
Power Source	DC (12 Volts)
Viewing Angle	82.2 Degrees
Night Vision Range	100 Feet (Colorful Night Vision)
International Protection Rating	IP66
Material	Plastic
Item Dimensions L x W x H	6.1 x 2.8 x 2.8 inches
Item Weight	9.6 ounces
Frame Rate	20fps
Light Source Type	2 pcs warm light LED
Compatible Devices	Digital Video Recorder
Recommended Uses	For home security, garden security, garage security

8. WARRANTY AND SUPPORT

Your Lifoarey 5MP Outdoor Security Camera comes with a comprehensive warranty and dedicated technical support to ensure your peace of mind.

- **Warranty:** 2-Year Warranty
- **Technical Support:** Life-Time Tech Support

For any questions, technical assistance, or warranty claims, please contact our customer support team:

Email: support@lifoarey.com

