



Manuals.plus /

› lifoarey /

› 1080P Full Time Color CCTV Camera User Manual

lifoarey RL-XE0B2DS-PB3034

lifoarey 1080P Full Time Color CCTV Camera User Manual

Model: RL-XE0B2DS-PB3034

Brand: lifoarey

INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your lifoarey 1080P Full Time Color CCTV Camera. This camera is designed for both indoor and outdoor surveillance, offering 1080P resolution, 24/7 full-time color night vision, and compatibility with various DVR systems (TVI/CVI/AHD/CVBS).

SAFETY INFORMATION

- Ensure the camera is powered by a compatible 12V DC power supply (not included). Incorrect voltage may damage the device.
- Do not expose the camera to extreme temperatures outside its operating range (-20°C to 55°C / -4°F to 131°F).
- Avoid direct exposure of the lens to strong light sources for extended periods, as this may affect sensor performance.
- Installation should be performed by qualified personnel if you are unsure about electrical wiring.
- Keep the camera and its components away from children.

SETUP GUIDE

What's in the Box

- Security Camera
- Manual Instruction
- Pack of Screws

System Requirements

This camera requires connection to a 1080P or higher resolution COAX DVR. It is compatible with TVI, CVI, AHD, and CVBS video formats. By factory default, the camera is pre-set to 1080P@30fps HD-TVI.

Installation Steps

1. **Choose a Mounting Location:** Select a suitable location for the camera, either wall-mounted or ceiling-mounted, ensuring it provides the desired viewing angle and coverage.
2. **Mount the Camera:** Use the provided screws to securely mount the camera to the chosen surface. Adjust the camera's angle for optimal surveillance.
3. **Connect Power and Video:** Connect a 12V DC power supply (not included) to the camera's power input. Connect a BNC cable (not included) from the camera's video output to your DVR's video input.
4. **Configure DVR:** Ensure your DVR is set to the correct video input format (TVI/CVI/AHD/CVBS) that matches the camera's output. If the image is not displayed, you may need to switch the camera's video output mode (refer to Operating Instructions).



This image shows the lifoarey 1080P Full Time Color CCTV Camera, a black bullet-style camera. The front features the lens

and two warm light LEDs, which provide full-time color night vision. The camera is designed for both indoor and outdoor use.

IP66

Durable Weatherproof

2MP 3.6mm

See More with 82.2° Wider Angle

2pcs Warm Lights

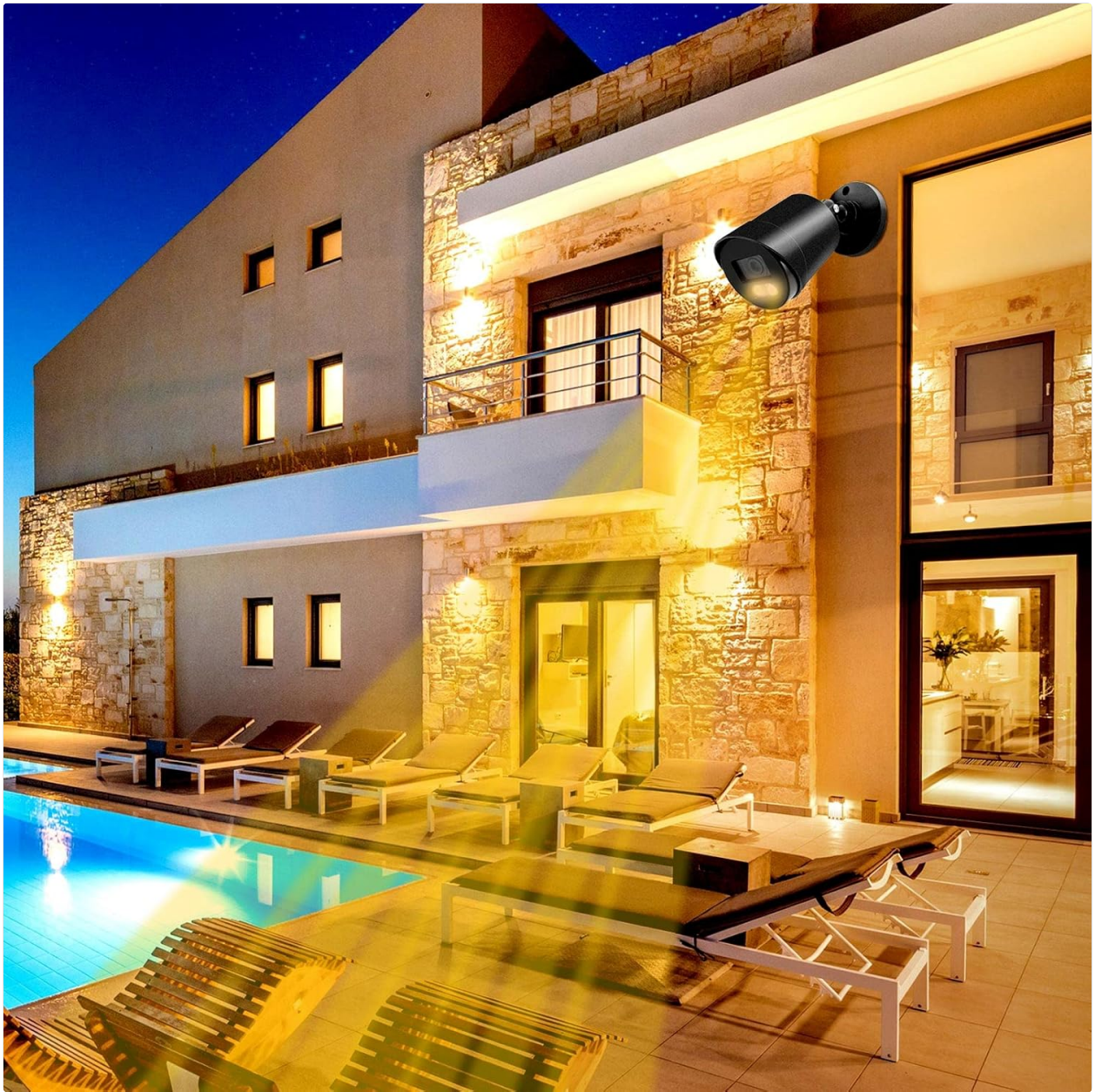
Vivid color image



Power

Video output

This diagram illustrates the necessary connections for the camera: a red connector for power input and a yellow BNC connector for video output. Note that the power supply and BNC cable are not included with the camera.



This image visually represents the camera's 82.2-degree wide viewing angle, indicating its broad coverage area for surveillance.

OPERATING INSTRUCTIONS

Video Output Switching (4-in-1 Compatibility)

The camera supports TVI, CVI, AHD, and CVBS video formats. To switch between formats, follow the instructions provided with your DVR system for accessing the camera's OSD (On-Screen Display) menu via coaxial control (PTZ control). Navigate the menu to select the appropriate video output mode (e.g., TVI, CVI, AHD, CVBS) that matches your DVR.

24/7 Full Time Color Night Vision

The camera features two built-in warm light LEDs that enable full-time color imaging even in low-light conditions. Unlike traditional infrared (IR) cameras that produce black and white night vision, this camera provides vivid, colorful images, making it easier to identify details of people and objects at night.

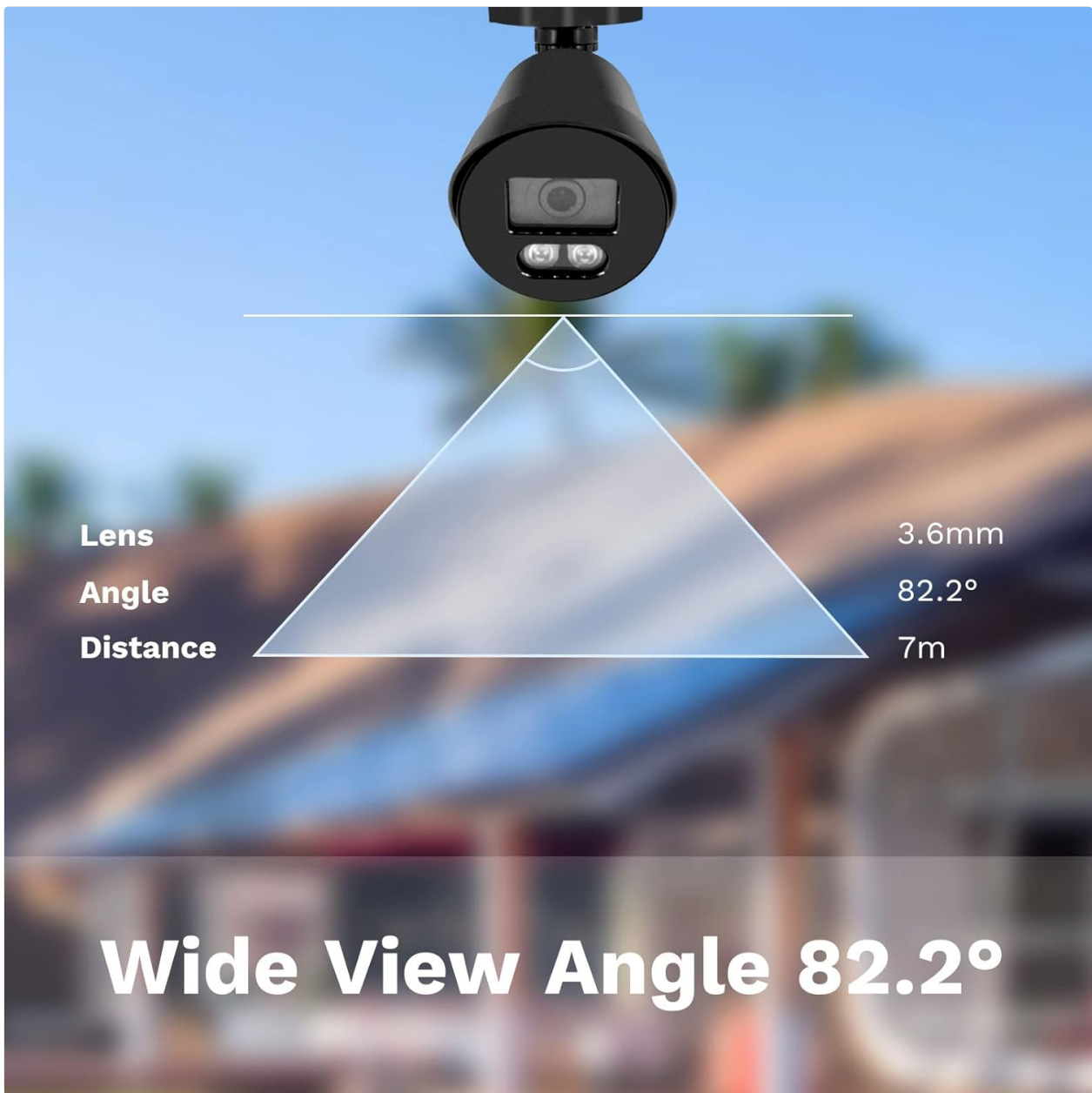
Full Time Color Camera - Colorful Night Vision



Ordinary IR Camera - Black and White Night Vision



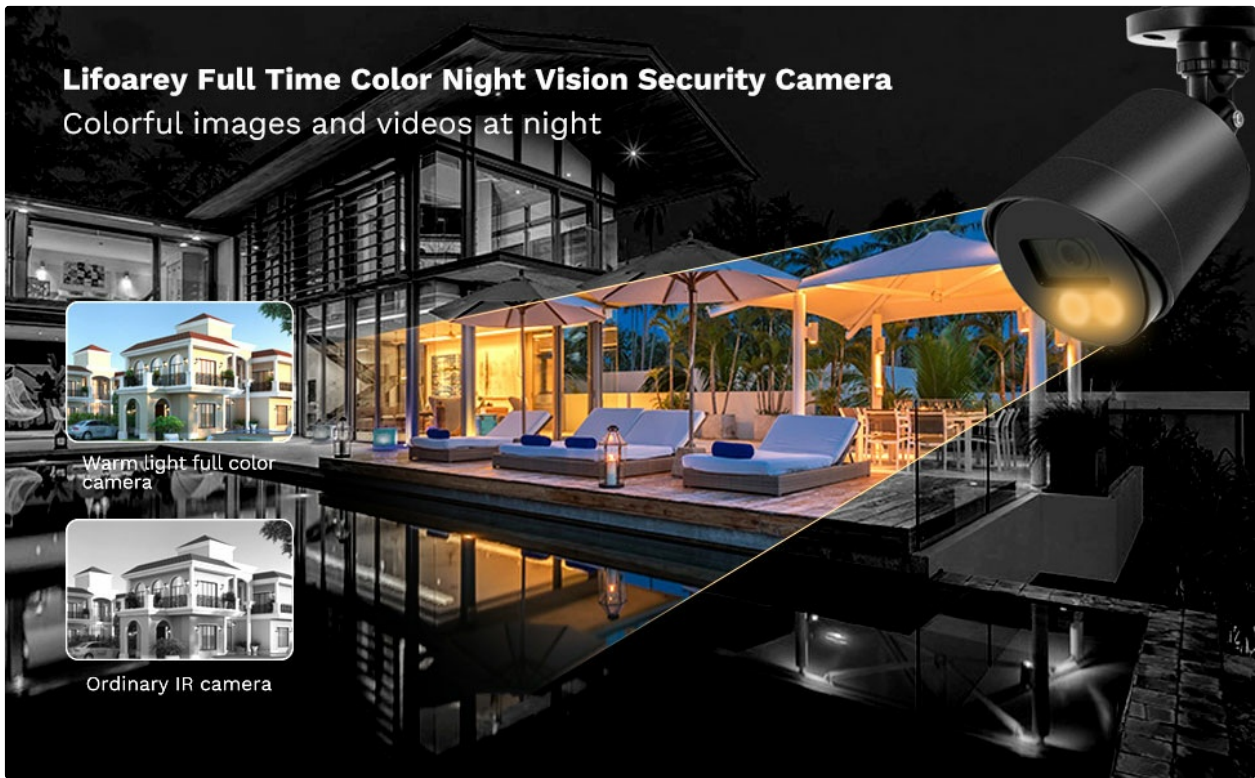
This image demonstrates the difference between the camera's full-time color night vision, which provides vivid color images even in low light, and traditional black and white infrared night vision.



An outdoor scene at night, showcasing the camera's ability to capture clear, colorful images in low-light conditions, illuminating the property.

Motion Detection

When connected to a compatible DVR system with motion detection capabilities, the camera can trigger alerts. These alerts may include email notifications or app push notifications to your connected mobile device, informing you of detected motion in the surveillance area.



This image depicts the motion detection capability, where the camera detects movement, such as a delivery person, and sends an instant notification to a connected mobile device.

Product Usage Demonstration

This short video clip illustrates potential installation locations and use cases for the lifoarey security camera, both indoors and outdoors, highlighting its versatility.

MAINTENANCE

Cleaning

To maintain optimal image quality, regularly clean the camera lens with a soft, lint-free cloth. For stubborn dirt, use a mild lens cleaning solution. Avoid abrasive cleaners or solvents that could damage the lens or camera body.

Weather Resistance

The lifoarey CCTV camera boasts an IP66 waterproof rating, ensuring its durability and functionality in various weather conditions, including rain, snow, and extreme temperatures. No special weather-related maintenance is typically required beyond ensuring the mounting is secure.

Outdoor Use for Any Weather



This image emphasizes the camera's durability and IP66 waterproof rating, showing it functioning reliably in various weather conditions including sun, snow, and rain.

TROUBLESHOOTING

No Image Displayed

- **Check Power:** Ensure the camera is receiving adequate 12V DC power.
- **Check Connections:** Verify that the BNC cable is securely connected to both the camera and the DVR.
- **Verify DVR Compatibility:** Confirm your DVR supports 1080P resolution or higher.
- **Match Video Format:** Ensure the camera's video output format (TVI/CVI/AHD/CVBS) matches the input setting on your DVR. You may need to switch the camera's mode via coaxial control.

Poor Image Quality

- **Clean Lens:** Dust or smudges on the lens can degrade image quality. Clean the lens as described in the

Maintenance section.

- **Check Cable Quality:** A damaged or low-quality BNC cable can affect video signal. Try using a different cable.
- **Lighting Conditions:** While the camera has full-time color night vision, extremely dark environments without any ambient light may still present challenges. Ensure the warm lights are functioning.

If issues persist after following these steps, please contact customer support for further assistance.

SPECIFICATIONS

Feature	Specification
Model Number	RL-XE0B2DS-PB3034
Video Capture Resolution	1080p (1920 x 1080)
Effective Still Resolution	2 MP
Lens	3.6mm
Viewing Angle	82.2 Degrees
Night Vision Type	Full Time Color (2pcs warm light LED)
Night Vision Range	100 Feet
Connectivity Technology	Wired (BNC)
Compatible Devices	DVR (TVI/CVI/AHD/CVBS)
Power Source	Corded Electric (12 Volts DC)
Indoor/Outdoor Usage	Indoor, Outdoor
International Protection Rating	IP66 (Waterproof)
Material	Acrylonitrile Butadiene Styrene (ABS)
Dimensions (L x W x H)	6.1 x 2.8 x 2.8 inches
Item Weight	8.1 ounces

WARRANTY AND SUPPORT

lifoarey offers a **2-Year Limited Warranty** on this product, covering manufacturing defects and malfunctions under normal use. Additionally, customers benefit from **Lifetime Technical Support** to assist with any questions or issues encountered during the product's lifespan.

For technical assistance or warranty claims, please contact us:

- **Email:** support@lifoarey.com

1080P



VIEW MORE

This image highlights the comprehensive after-sales support provided, including a 2-year limited warranty, 24/7 online support, and lifetime technical assistance.