

**reolink**  
RLC-1240A Vandal  
Proof Security  
Camera



# reolink RLC-1240A Vandal Proof Security Camera Owner's Manual

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**reolink**

**reolink RLC-1240A Vandal Proof Security Camera**



## Specifications

- **Image Sensor:** 1/2.49 CMOS sensor
- **Resolution:** 4512×2512 (12 Megapixels) @20FPS
- **Lens:** f=2.8mm/F1.6
- **Video Compression:** H.265; H.264
- **Field of View:** Wide angle
- **Infrared Night Vision:** Up to 30 meters (100ft); LED: 2pcs/2W/ 850nm (Auto-switching with IR-cut filter)
- **Color Night Vision:** With spotlights: 2pcs/3w/3000K (Adjustable)
- **Frame Rate:** Main stream: 2fps – 25fps (default: 25fps) Sub stream: 4fps – 20fps (default: 10fps)
- **Code Rate:** Main stream: 1024Kbps – 10240Kbps (default: 8192Kbps) Sub stream: 128Kbps -1228Kbps (default: 1024Kbps)
- **Audio:** Two-way audio
- **Power Requirements:** PoE IEEE 802.3af, 48V, active; DC 12.0V
- **Interface:** Power Port, Ethernet Port, SD Card Slot, Reset Button, Audio In/Out
- **Software:** Supported Browsers, Supported OS
- **Protocols & Standards:**
- **User Access:**
- **Other Feature(s):** Smart Alarm
- **Recording Modes:** Time Lapse
- **Smart Home Compatibility:**
- **Working Environment:**

## Product Usage Instructions

### • Installation

- Choose a suitable mounting location for the camera ensuring it has a wide field of view.
- Securely mount the camera using appropriate tools to ensure stability.

### • Power Connection

- Connect the PoE power cable to the camera's power port.
- If using an external DC power source, connect it to the appropriate power port.

### • Network Setup

- Connect the Ethernet cable to the camera's Ethernet port for network connectivity.
- Configure network settings using the provided software or web interface.

### • Audio Setup

- Connect audio devices to the camera's audio in/out ports for two-way audio functionality.

## Night Vision Setup

- Activate the night vision mode for infrared or color night vision as per your preference.

## Specifications

### Video & Audio

- **Image Sensor** 1/2.49" CMOS sensor
- **Resolution** 4512×2512 (12Megapixels) @20FPS
- **Lens** f=2.8mm/F1.6
- **Video Compression** H.265; H.264
- **Field of View**
  - **Horizontal:** 115°
  - **Vertical:** 59°
  - **Diagonal:** 138°
- **Infrared Night Vision**
  - **Up to 30 meters (100ft);** LED: 2pcs/2W/ 850nm (Auto-switching with IR-cut filter)
  - **Color Night Vision With spotlights:** 2pcs/3w/3000K (Adjustable)
- **Frame Rate**
  - **Main stream:** 2fps – 25fps (default: 25fps)
  - **Sub stream:** 4fps – 20fps (default: 10fps)
  - **Code Rate**
    - **Main stream:** 1024Kbps – 10240Kbps
    - **(default:** 8192Kbps)
    - **Substream:** 128Kbps -1228Kbps
    - **(default:** 1024Kbps)
  - **Audio** Two-way audio

## Power Requirements

- **PoE** IEEE 802.3af, 48V, active
- **Power Requirements** DC 12.0V/23 931A, <12W

## Interface

- Power Port DC power port
- Ethernet Port One 10M/100Mbps; RJ45
- SD Card Slot Supports Max. 256GB microSD card
- Reset Button YES
- Audio In/Out Built-in microphone and speaker

## Software

- **Browsers Supported** Edge, Chrome, Firefox, Safari
- **OS Supported**
  - **PC:** Windows, Mac OS; Smartphone: iOS, Android
- **Protocols & Standards**
  - HTTPS, SSL, TCP/IP, UDP, HTTP, IPv4,
  - UPnP, RTSP, RTMP, ONVIF, SMTP, NTP,
  - DHCP, DNS, DDNS, FTP, P2P
- **User Access**
  - **Max.** 20 users (1 admin & 19 user);
  - **Max.** 12 simultaneous streams (2 main & 10 sub streams)

## Other Feature(s)

- **Smart Alarm**
  - **Motion detection;** Person detection;
  - **Vehicle detection;** Animal Detection
- **Recording Modes**
  - **Motion-triggered recording (default);** Scheduled recording, 24/7 recording
- **Time Lapse YES**
- Smart Home Compatibility Google Assistant

## Working Environment

- **Operating Temperature** -10°C~+55°C (14°F~131°F)
- **Operating Humidity** 10% ~ 90%
- **Weatherproof** IP67

## Mechanical

- **Dimensions** Φ117x 86mm
- **Weight (Battery Included)** 570g

## Warranty

**Limited Warranty** 2-year limited warranty.

## Gallery & Specs

1. Built-in Mic
2. Metal Housing
3. Spotlight
4. Lens
5. IR LED
6. Daylight Sensor



1. microSD Card Slot
2. Reset Button




1. Power Port
2. Ethernet Port
3. Waterproof Lid

## Frequently Asked Questions

- **Q: How far can the infrared night vision reach?**
  - A: The infrared night vision can reach up to 30 meters (100ft).
- **Q: What is the default frame rate for the mainstream?**
  - A: The default frame rate for the mainstream is 25fps.

## Documents / Resources

 <p><b>Specifications</b></p> <table border="1"> <tr> <td>Image Sensor</td> <td>1/2.8" CMOS sensor</td> </tr> <tr> <td>Resolution</td> <td>1080P/720P/540P/480P</td> </tr> <tr> <td>Lens</td> <td>3.6mm F2.0</td> </tr> <tr> <td>Field of View</td> <td>86° (H) / 68° (V)</td> </tr> <tr> <td>Field of View</td> <td>86° (H) / 68° (V)</td> </tr> <tr> <td>Infrared Night Vision</td> <td>Up to 30m (100ft) (IR LED)</td> </tr> <tr> <td>Audio</td> <td>2-Way (Built-in Mic &amp; Speaker)</td> </tr> <tr> <td>Power</td> <td>DC 5V/1A</td> </tr> </table>	Image Sensor	1/2.8" CMOS sensor	Resolution	1080P/720P/540P/480P	Lens	3.6mm F2.0	Field of View	86° (H) / 68° (V)	Field of View	86° (H) / 68° (V)	Infrared Night Vision	Up to 30m (100ft) (IR LED)	Audio	2-Way (Built-in Mic & Speaker)	Power	DC 5V/1A	<p><a href="#">reolink RLC-1240A Vandal Proof Security Camera</a> [pdf] Owner's Manual          RLC-1240A Vandal Proof Security Camera, RLC-1240A, Vandal Proof Security Camera, Proof Security Camera, Security Camera, Camera</p>
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## References

- [User Manual](#)

### Manuals+, Privacy Policy

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