

## RLC-823SIW

### 4K 360° PTZ Dual-Band Wi-Fi 6 Security Camera

- 4K 8MP UHD with 5X Optical Zoom
- 360° Coverage with Auto-Tracking
- Person/Vehicle/Animal Detection
- 2.4/5 GHz Dual-Band Wi-Fi 6



## Specifications

| Video & Audio         |                                                                                                         |
|-----------------------|---------------------------------------------------------------------------------------------------------|
| Image Sensor          | 1/2.8" CMOS sensor                                                                                      |
| Resolution            | 3840x2160 (8 megapixels) @20fps                                                                         |
| Lens                  | f=2.7-13.5mm, Max: F1.6                                                                                 |
| Video Compression     | H.264/H.265                                                                                             |
| Zoom                  | 5X optical zoom                                                                                         |
| Field of View         | Horizontal: 100°- 31°<br>Vertical: 55°- 17°                                                             |
| Infrared Night Vision | Up to 60 meters (190ft); LED: 7pcs/MAX 5.5W/850nm<br>(Auto-switching with IR-cut filter)                |
| Color Night Vision    | With spotlights: 2pcs/4W/4000K                                                                          |
| Frame Rate            | Main stream: 2fps - 20fps (default: 20fps)<br>Sub stream: 4fps - 15fps (default: 10fps)                 |
| Code Rate             | Main stream: 2048Kbps - 5120Kbps (default: 4096Kbps)<br>Sub stream: 64Kbps - 512Kbps (default: 256Kbps) |
| Audio                 | Two-way audio                                                                                           |

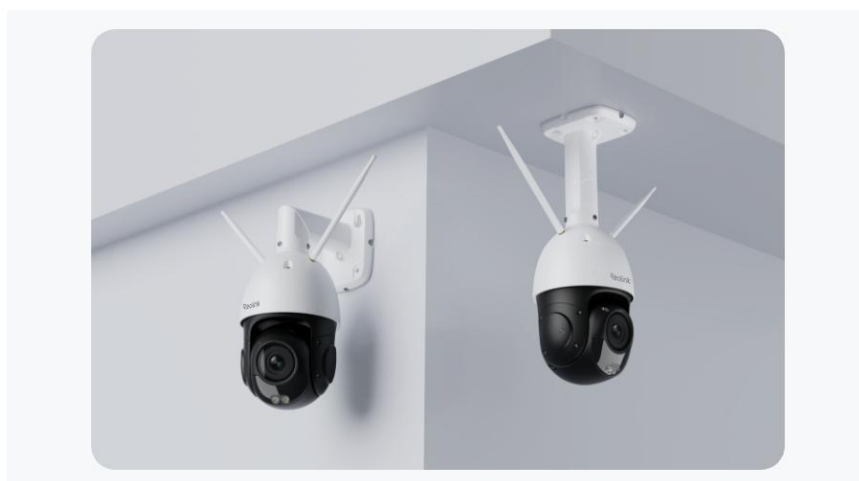
| Power Requirements        |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| DC Power                  | DC 12.0V 2A, <24W                                                                                 |
| Interface                 |                                                                                                   |
| Power Port                | DC power port                                                                                     |
| Ethernet Port             | One 10M/100Mbps; RJ45                                                                             |
| SD Card Slot              | Supports Max. 512GB microSD card                                                                  |
| Reset Button              | YES                                                                                               |
| Audio In/Out              | Built-in microphone and speaker                                                                   |
| Wi-Fi                     |                                                                                                   |
| Wireless Standard         | IEEE 802.11 ac/ax/a/b/g/n                                                                         |
| Operating Frequency       | 2.4GHz/5GHz                                                                                       |
| Wireless Security         | WPA-PSK/WPA2-PSK/WPA3-SAE                                                                         |
| Pan & Tilt                |                                                                                                   |
| PT Angle(Max.)            | Pan: 360°, Tilt: 90°                                                                              |
| Pan Speed                 | 1.4°-180°/s (configurable)                                                                        |
| Tilt Speed                | 1.4°-56°/s (configurable)                                                                         |
| Preset Points             | Supports 1 guard position & up to 64 preset positions                                             |
| Patrol                    | Supports 1 patrol; up to 16 presets per patrol                                                    |
| Power-off Memory Function | YES                                                                                               |
| Auto Tracking             | YES                                                                                               |
| 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 users);<br>Max. 12 simultaneous streams (2 main & 10 sub streams)     |
| Other Features            |                                                                                                   |

|                            |                                                                                                                                         |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| 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                                                                                                                        |
| <b>Working Environment</b> |                                                                                                                                         |
| Operating Temperature      | -10°C~50°C (14°F~126°F)                                                                                                                 |
| Operating Humidity         | 10% ~ 90%                                                                                                                               |
| Weatherproof               | IP66                                                                                                                                    |
| <b>Mechanical</b>          |                                                                                                                                         |
| Dimensions                 | 373*177*140mm (Ceiling Mount)                                                                                                           |
| Weight Battery Included    | 2.34kg                                                                                                                                  |
| <b>Warranty</b>            |                                                                                                                                         |
| Limited Warranty           | 2-year limited warranty. For support, visit <a href="https://support.reolink.com/hc/en-us/">https://support.reolink.com/hc/en-us/</a> . |

## Gallery & Specs



1. Bracket
2. Antenna
3. Daylight Sensor
4. Lens
5. IR LEDs
6. Spotlight
7. Reset Button
8. microSD Card Slot
9. Speaker



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