Reolink

RLC-823S1W

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° Vertical: 55°- 17°
Infrared Night Vision	Up to 60 meters (190ft); LED: 7pcs/MAX 5.5W/850nm (Auto-switching with IR-cut filter)
Color Night Vision	With spotlights: 2pcs/4W/4000K
Frame Rate	Main stream: 2fps - 20fps (default: 20fps) Sub stream: 4fps - 15fps (default: 10fps)
Code Rate	Main stream: 2048Kbps - 5120Kbps (default: 4096Kbps)

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

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