

RLK8-810B4-A

4K PoE System for 24/7 Recording

- 4K 8MP Ultra HD
- Person/Vehicle Detection
- 2TB HDD 8-Channel NVR



Specifications

RLN8-410	
Hardware	
Hardware	V2
Video/Audio Input	
IP Video Input	PoE IP camera x 8
Audio Input	Cameras with built-in mic
Video/Audio Output	
Audio Output	1-channel, RCA
Video Output	VGA, HDMI
Decoding	
Video Format	H.264, H.265
Live View/Playback Resolution	7680×2160, 4608×1728, 4512×2512, 4096×3072, 3840×2160, 2560×2560, 2560×1920, 2560×1440, 2048×1536, 2304×1296, 1080p, 720p
Synchronous Playback	Up to 4 channels
HDD	

SATA	1 x SATA interface (1 x 2TB HDD included)
External HDD	1 eSATA interface for HDD
Capacity	Up to 12TB (max. 6TB capacity for each HDD)
External Interface	
USB Interface	2 x USB 2.0
Network Interface	• 1, RJ-45 10/100 Mbps self-adaptive Ethernet interface for LAN/WAN • 8, RJ-45 10/100 Mbps self-adaptive PoE Ethernet interface for IP camera
PoE	
Max. Power Per Port	25W
Supported Standard	IEEE 802.3af/at
Network	
Network Protocols	HTTP, TCP/IP, UDP, DHCP, P2P, UPNP, RTSP, SMTP, SSL/TLS, DNS, DDNS, NTP, FTP
Browsers Supported	Edge, Firefox, Chrome, Safari
OS Supported	PC: Windows, Mac OS; smartphone: iOS, Android
Max. User Access	20 users (1 admin account & 19 user accounts); supports up to 12 simultaneous video streams (10 substreams & 2 mainstreams)
General	
Power Supply	DC 48V~53V
Power Consumption	<10W (without HDD & PoE)
Working Environment	Temperature: -10°C~+45°C (14°F~113°F); humidity: 10%~90%
Dimensions	260 x 41 x 230mm
Weight	1.4kg
Warranty	
Limited Warranty	2-year limited warranty. For support, visit https://support.reolink.com/hc/en-us/ .
Hardware Features	
Display Resolution	

	• HDMI: 3840x2160, 1920x1080, 1280x1024, 1280x720, 1024x768 • VGA: 1920x1080, 1280x1024, 1280x720, 1024x768
B800	
Video & Audio	
Image Sensor	1/2.49" CMOS Sensor
Video Resolution	Default: 3840X2160 (8 megapixels) @20FPS
Lens	f=4.0 mm fixed, F=2.0, with IR cut
Video Compression	H.264/H.265
Field of View	• Horizontal: 87° • Vertical: 44°
Day & Night	IR-cut filter with auto-switching
Night Vision	30 meters (100ft) (LED: 18pcs/14mil/850nm)
Frame Rate	• Mainstream: 2fps - 20fps (default: 20fps) • Substream: 4fps - 15fps (default: 10fps)
Code Rate	• Mainstream: 4096Kbps - 8192Kbps (default: 6144Kbps) • Substream: 64Kbps - 512Kbps (default: 256Kbps)
Audio	Audio recording
Detection/Recording Modes	
Smart Alarms	Person detection/vehicle detection/motion detection
Recording Modes	Motion-triggered recording (default), scheduled recording, 24/7 recording
Power	
PoE	IEEE 802.3af, 48V Active
DC Power	DC 12.0V 1A, <12W
Interface	
Power	DC power port
System	Reset button
Ethernet	One 10M/100Mbps RJ45
Audio	Built-in microphone
Working Environment	

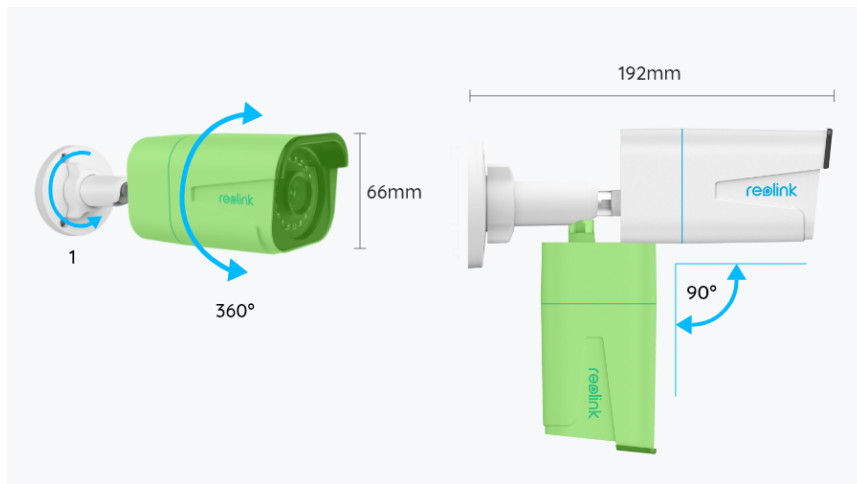
Temperature	Operating temperature: -10°C~+55°C (14°F~131°F)
Humidity	Operating humidity: 10% ~ 90%
Weatherproof	IP67
Size & Weight	
Dimensions	Φ66 x 192mm
Weight	485g
Warranty	
Limited Warranty	2-year limited warranty. For support, visit https://support.reolink.com/hc/en-us/
RLC-810A	
Video & Audio	
Image Sensor	1/2.49" CMOS Sensor
Video Resolution	3840x2160 (8.0 Megapixels) at 25 frames/sec
Lens	f=4.0mm fixed; F=2.0, with IR-cut filter
Video Compression	H.265
Field of View	• Horizontal: 87° • Vertical: 44°
Day & Night	Auto-switching IR-cut filter
Night Vision	30 meters (100ft) (LED: 18pcs/14mil/850nm)
Audio	Audio recording
Power	
PoE	IEEE 802.3af, 48V Active
DC Power	DC 12.0V 1A, <12W
Interface	
Power	DC power port
System	Reset button
Ethernet	One 10M/100Mbps; RJ45
Audio	Built-in microphone
Software Features	

Frame Rate	• Mainstream: 2fps - 25fps (default: 25fps) • Substream: 4fps - 15fps (default: 10fps)
Code Rate	• Mainstream: 4096Kbps - 8192Kbps (default: 6144Kbps) • Substream: 64Kbps - 512Kbps (default: 256Kbps)
Smart Alarm	• Mainstream: 4096Kbps - 8192Kbps (default: 6144Kbps) • Substream: 64Kbps - 512Kbps (default: 256Kbps)
Record Mode	Motion-triggered recording (default); scheduled recording; 24/7 recording
Working Environment	
Temperature	Operating temperature: -10°C - +55°C (14°F - 131°F)
Humidity	Operating humidity: 10% - 90%
Weatherproof	IP67
Size & Weight	
Dimensions	Φ192*66mm
Weight	488g
Warranty	
Limited Warranty	2-year limited warranty. For support, visit https://support.reolink.com/hc/en-us/

Gallery & Specs



1. Mount
2. Metal Aluminum Case
3. 18 IR LEDs
4. High Definition Lens (f=4.0mm)
5. Daylight Sensor



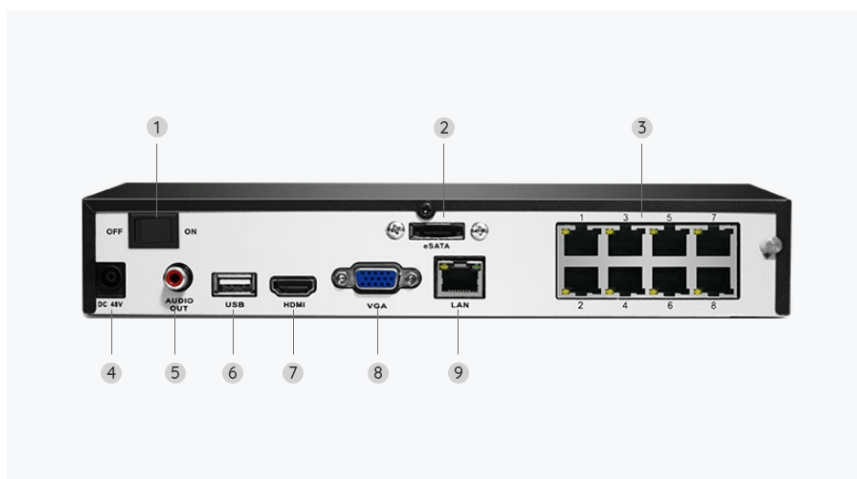
1. Unscrew it (counterclockwise) to loosen the bracket and adjust the camera in any direction.
2. After adjustment, twist it back to fix the camera.



1. Power
2. Reset Button
3. Network
4. Waterproof Lid



1. USB Port
2. Power LED/HDD LED
3. Control Panel



1. On/Off Switch
2. eSATA
3. RJ45
4. Power Input
5. Audio Out
6. USB Port
7. HDMI Port
8. VGA Port
9. Network



1. Mount

2. Metal Aluminum

3. 18 IR LEDs

4. High Definition Lens
(f=4.0 mm)

5. Daylight Sensor

www.reolink.com