

RLK16-811B8-A

4K PoE security system with 5X Optical Zoom; 4TB HDD 16-Ch NVR for 24/7 recording.

- 4K UHD & 5X Optical Zoom
- Person/Vehicle Detection
- 4TB HDD 16-Channel NVR



Specifications

RLN16-410	
Hardware	
Hardware	N6MB01
Video/Audio Input	
IP Video Input	Up to 24 IP cameras (max.16 wired cameras)
Audio Input	Cameras with built-in mic
Video/Audio Output	
Video Output	VGA, HDMI
Display Resolution	•HDMI: 3840*2160, 1920*1080, 1280*1024, 1280*720, 1024*768 • VGA: 1920*1080, 1280*1024, 1280*720, 1024*768
Audio Output	1-channel, RCA
Decoding	
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
Video Format	H.265, H.264

Synchronous Playback	Up to 4 channels
HDD	
SATA	2 x SATA interface (1 x 4TB HDD included)
Capacity	Up to 16TB (max. 8TB capacity for each HDD)
External HDD	No
External Interface	
USB Interface	2 x USB 2.0
Network Interface	• 1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface for LAN/WAN • 16, RJ-45 10/100 Mbps self-adaptive PoE Ethernet interface for IP camera
PoE	
Max. Power Per Port	25W
Supported Standard	IEEE 802.3 af/at
Network	
Network Protocol	HTTP, TCP/IP, UDP, DHCP, P2P, UPNP, RTSP, SMTP, SSL/TLS, DNS, DDNS, NTP, FTP
Browser Supported	Firefox, Chrome, Edge, Safari
OS Supported	PC: Windows, Mac OS; smartphone: iOS, Android
Max. User Access	20 users (1 admin account & 19 user accounts); up to 12 simultaneous video streams (10 substreams & 2 mainstreams)
General	
Power Supply	DC 48V~54V
Power Consumption	<10W (without HDD & PoE)
Working Environment	Temperature: -10°C~+45°C (14°F~113°F); humidity: 10%~90%
Dimensions	330 x 45 x 285mm
Weight	2.4kg
Warranty	

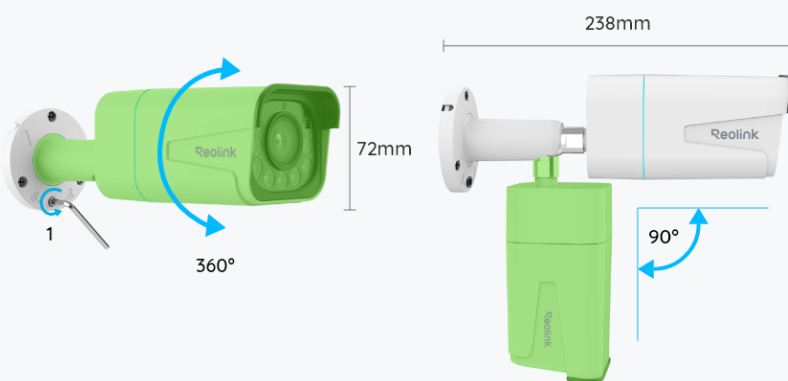
Limited Warranty	2-year limited warranty. For support, visit https://support.reolink.com/hc/en-us/ .
RLC-811A	
Video & Audio	
Image Sensor	1/2.8" CMOS Sensor
Video Resolution	Default: 3840 x 2160 (8.0 megapixels)@25 fps
Lens	f=2.7-13.5mm F=1.6-3.3, with IR cut
Optical Zoom	5× optical zoom
Video Format	H.264/H.265
Field of View	• Horizontal: 105°- 31° • Vertical: 55°- 17°
Day & Night	Auto-switching with IR-cut filter
Infrared Night Vision	Up to 30 meters (IR LED: 4pcs/28mil/850nm)
Color Night Vision	Spotlight: 5pcs/4W/6500K/450 lumens
Audio	Two-way audio
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
Storage	microSD card slot (Max. 256GB)
Audio	Built-in microphone and speaker
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)

Browsers Supported	Edge, Chrome, Firefox, Safari
OS Supported	PC: Windows, Mac OS; Smartphone: iOS, Android
Smart Alarm	Motion detection; Person/vehicle/animal detection
Record Mode	Motion recording (default); Scheduled recording; 24/7 recording
Protocols & Standards	HTTPS, SSL, TCP/IP, UDP, HTTP, IPv4, UPnP, RTSP, RTMP, SMTP, NTP, DHCP, DNS, DDNS, FTP, P2P
Maximal User Access	20 users (1 admin account & 19 user accounts); 12 simultaneous video streams (10 substreams & 2 mainstreams)
Work with	Google Assistant
Working Environment	
Operating Temperature	-10°C to 55°C (14°F to 131°F)
Humidity	10% ~ 90%
Weatherproof	IP67
Size & Weight	
Dimensions	80 × 72 × 238mm
Weight	838g
Warranty	
Limited Warranty	2-Year limited warranty. For support, visit https://support.reolink.com/hc/en-us/

Gallery & Specs



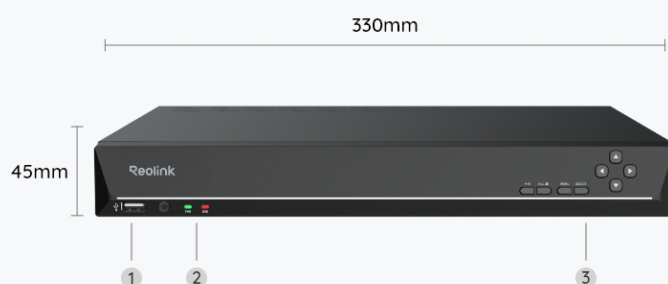
1. Mount
2. Aluminum Metal Case
3. IR LED
4. High Definition Lens (f=2.7-13.5mm)
5. Spotlight



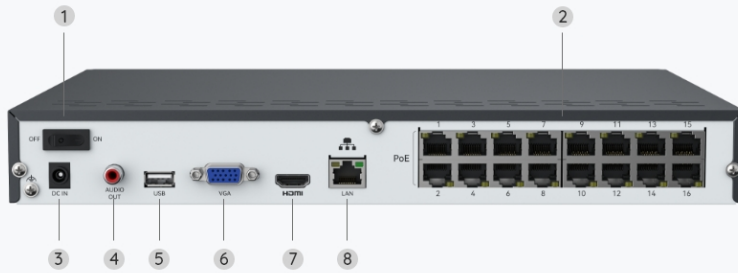
1. Loosen the screw (counterclockwise) with the wrench and adjust the camera in any direction.
2. After adjustment, tighten the screw to fix the camera.



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. RJ45
3. Power Input
4. Audio Out
5. USB Port
6. VGA Port
7. HDMI Port
8. Network

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