

RLK16-800D8

4K UHD PoE 16CH NVR System for Complete Protection; Keep Guard 24/7 with 4TB HDD

- Person/Vehicle Detection
- 4K 8MP Ultra HD
- 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 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 to 45°C (14°F~113°F); Humidity: 10% to 90%
Dimensions	330mm x 45mm x 285mm
Weight	2.4kg
Limited Warranty	2-year limited warranty. For support, visit https://support.reolink.com/hc/en-us/ .

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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 Format	H.264/H.265
Field of View	• Horizontal: 87° • Vertical: 44°
Day/Night Mode	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	
Dimension	Φ105*93mm
Weight	480g
Warranty	
Limited Warranty	2-year limited warranty. For support, visit https://support.reolink.com/hc/en-us/ .

Gallery & Specs



- 1. Mount
- 2. Metal Housing
- 3. High-Definition Lens (f=4.0mm)
- 4. IR LED
- 5. Daylight Sensor
- 6. Built-In Mic



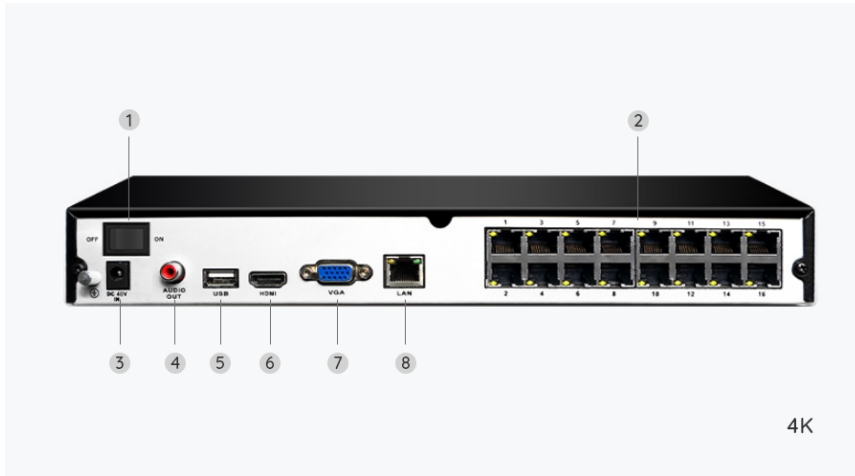
Only Manual Rotation



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. HDMI Port
7. VGA Port
8. Network