

RLK12-800WB4

12-Channel 4K Wi-Fi 6 Security System with 2TB HDD

- 4K 8MP Ultra HD
- 2.4/5 GHz Dual-Band Wi-Fi
- 12-Channel WiFi NVR with 2TB HDD
- Person/Vehicle/Animal Detection



Specifications

RLN12W	
Video/Audio Input	
IP Video Input	Up to 16 IP cameras
Audio Input	Cameras with built-in mic
Video/Audio Output	
Video Output	VGA, HDMI
Display Resolution	• HDMI: 3840x2160, 1920x1080, 1280x1024, 1280x720, 1024x768 • VGA: 1920x1080, 1280x1024, 1280x720, 1024x768
Audio Output	1-channel, RCA
Decoding	
Video Compression	H.265/H.264
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)
Capacity	Up to 16TB
External Interface	
USB Interface	2 x USB 2.0
Network Interface	4 x RJ-45, 10/100 Mbps self-adaptive (for IP cameras) 1 x RJ-45, 10/100 Mbps self-adaptive (for LAN/WAN)
Wi-Fi	
Wireless Standard	IEEE 802.11a/ac/ax/ b/g/n
Operating Frequency	2.4 GHz/5 GHz
Wireless Security	WPA/WPA2/WPA3
Network	
Network Protocols	HTTPS, TCP/IP, UDP, DHCP, P2P, UPNP, RTMP, RTSP,SMTP, SSL/TLS, DNS, DDNS, NTP, FTP
Browser Supported	Edge, Firefox, Chrome, Safari
OS Supported	PC: Windows, Mac OS; smartphone: iOS, Android
Max. User Access	"Max. 20 users (1 admin & 19 user); Max. 12 simultaneous streams (10 sub & 2 mainstreams)"
General	
Power Supply	DC 12V/2A
Power Consumption	<10W (with 2TB HDD)
Working Environment	"Temperature: -10°C ~ +45°C (14°F ~ 113°F); Humidity: 10% ~ 90%"
Dimensions	255mm(W) x 49.5mm(H) x 222.7mm(D)
Weight	1.4kg
Warranty	
Limited Warranty	2-year limited warranty. For support, visit https://support.reolink.com/hc/en-us/ .

B800W

Video & Audio

Image Sensor	1/2.7" CMOS sensor
Resolution	3840 x 2160 (8 megapixels) @20fps
Video Compression	H.265/H.264
Field of View	Horizontal: 88.8° Vertical: 45.2° Diagonal: 106.2°
Infrared Night Vision	"Up to 30 meters (100ft); LED: 2pcs/1.8w/850nm (Auto-switching with IR-cut filter)"
Color Night Vision	With spotlights: 1pcs/4.3w/6500k
Frame Rate	Mainstream: 2fps - 20fps (default: 20fps) Substream: 20fps
Code Rate	Mainstream: 2048Kbps - 5120Kbps (default: 4096Kbps) Substream: 1228Kbps
Audio	Two-way audio

Power Requirements

DC Power	DC 12.0V 1A, <12W
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Interface

Power Port	DC power port
Ethernet Port	One 10M/100Mbps; RJ45
Reset Button	YES
Audio In/Out	Built-in microphone and speaker

Wi-Fi

Wireless Standard	IEEE 802.11a/ac/ax/ b/g/n
Operating Frequency	2.4 GHz/5 GHz
Wireless Security	WPA/WPA2/WPA3

Software

Protocols & Standards	SSL, TCP/IP, UDP, UPNP, NTP, DHCP, DNS, DDNS
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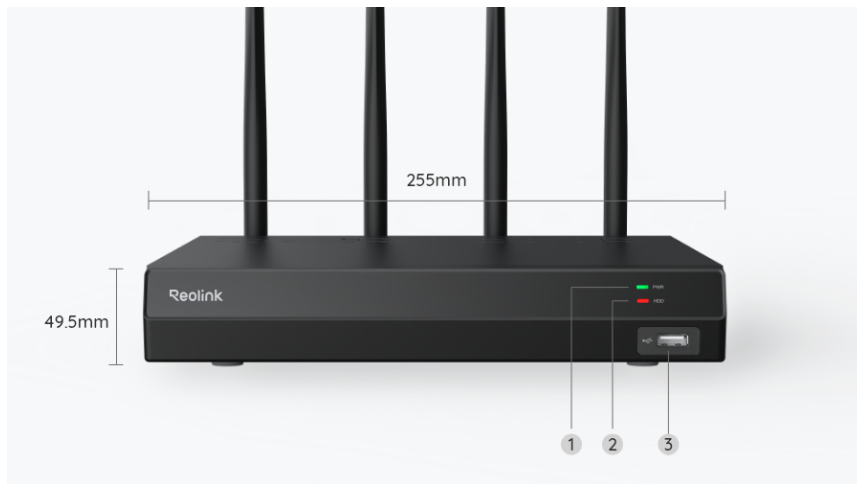
Other Features

Smart Alarm	Motion detection; person detection; vehicle detection; animal detection
Working Environment	
Operating Temperature	-10°C~+55°C (14°F~131°F)
Operating Humidity	10% ~ 90%
Weatherproof	IP67
Mechanical	
Dimensions	Φ67 x 187mm
Warranty	
Limited Warranty	2-year limited warranty. For support, visit https://support.reolink.com/hc/en-us/ .
General	
Weight	485.7g

Gallery & Specs



1. Metal Aluminum Case
2. Spotlight
3. IR LEDs
4. High Definition Lens
5. Daylight Sensor
6. Antenna
7. Mount
8. Speaker
9. Built-in Mic



1. Power LED
2. HDD LED
3. USB Port



1. Antenna
2. Reset Button
3. Power Input
4. USB Port
5. HDMI Port
6. VGA Port
7. Audio Out
8. LAN Port (For Internet)
9. LAN Port (For Camera)

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