Reolink

RLK12-800WV4

4K Wi-Fi 6 security system with 12-channel NVR, 2TB HDD, IK10 vandal-proof rating, 2.4/5GHz dual-band Wi-Fi, 4pcs of 8MP cameras with IP67 waterproof housing, 125° viewing angle, color night vision, smart detection



- 4K UHD with 125° Viewing Angle
- IK10 Vandal-Proof
- 12-Channel NVR with 2TB HDD
- 2.4/5 GHz Dual-Band Wi-Fi

Specifications

V800W	
Video & Audio	
Image Sensor	1/2.49" CMOS sensor
Resolution	3840x2160 (8 megapixels) @20fps
Lens	f=2.8mm, Max: F2.0
Video Compression	H.264/H.265
Field of View	Horizontal: 105° Vertical: 56°
Infrared Night Vision	Up to 30 meters; LED: 2pcs/MAX 2W/850nm (Auto-switching with IR-cut filter)
Color Night Vision	With spotlights: 2pcs/3W/3000K
Frame Rate	Main stream: 2fps - 20fps (default: 20fps) Sub stream: 4fps - 15fps (default: 10fps)

Code Rate	Main stream: 2048Kbps - 5120Kbps (default: 3072Kbps) Sub stream: 1228Kbps
Audio	Two-way audio
Power Requirements	
DC Power	DC 12.0V 1A, <12W
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 802.11 ac/ax/a/b/g/n
Operating Frequency	2.4GHz/5GHz
Wireless Security	WPA-PSK/WPA2-PSK/WPA3-SAE
Software	
OS Supported	PC: Windows, Mac OS; Smartphone: iOS, Android
Protocols & Standards	SSL, TCP/IP, UDP, IPv4, UPnP, SMTP, NTP, DHCP, DNS, DDNS
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
Working Environment	
Operating Temperature	-10°C~55°C (14°F~131°F)
Operating Humidity	10% ~ 90%
Weatherproof	IP67
Mechanical	

Dimensions	Φ117*86mm
Weight Battery Included	604g
Warranty	
Limited Warranty	2-year limited warranty. For support, visit https://support.reolink.com/hc/en-us/.
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 • VGA: 1920x1080, 1280x1024, 1280x720, 1024x768
Audio Output	1-channel, RCA
Decoding	
Video Compression	H.265/H.264
Live View / Playback Resolution	7680X2160, 4608X1728, 4512X2512, 4096X3072, 3840X2160, 2560X1920, 2560X1440, 2048X1536, 2304X1296, 1080P, 720P
Synchronous Playback	Up to 4 channels
HDD	
SATA	1 x SATA interface (1 x 2TB HDD included)
Capacity	Up to 8TB
External Interface	
USB Interface	2 x USB 2.0
Network Interface	4 x RJ-45, 10/100 Mbps self-adaptive (for IP cameras, Not PoE Interface) 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 (without HDD)
Warranty	
Limited Warranty	2-year limited warranty. For support, visit https://support.reolink.com/hc/en-us/.

Gallery & Specs



1. Built-in microphone
2. Spotlight
3. Lens
4. IR LED
5. Daylight sensor
6. Antenna



1. Built-in speaker



1. Power port
2. Reset button
3. Network port
4. Waterproof lid



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 output
8. LAN port (for Internet)
9. LAN port (for IP camera)