

RLK12-800WPTZ4

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

- 4K 8MP UHD with 3X Optical Zoom
- Pan, Tilt & Auto Tracking
- Next-Gen Wi-Fi 6



Specifications

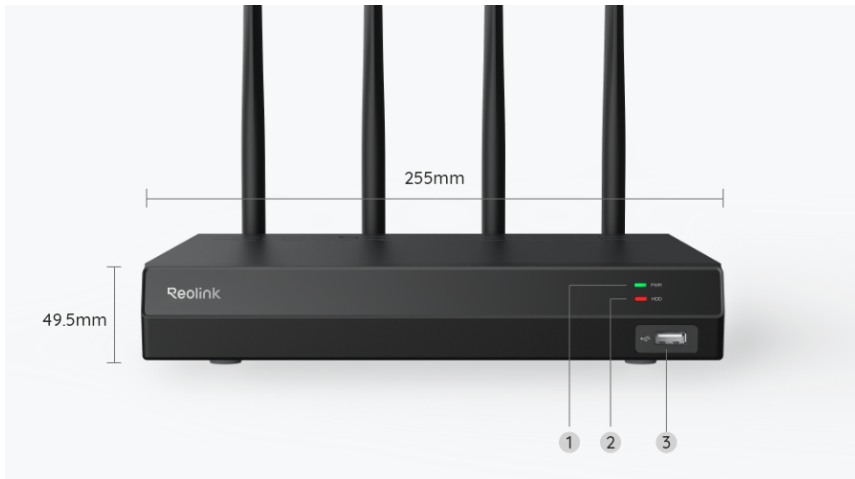
E1 Outdoor Pro	
Video & Audio	
Image Sensor	1/2.8" CMOS Sensor
Video Resolution	3840X2160 (8.0 Megapixels)@20fps
Lens	f=2.8-8mm Max: F1.6
Video Compression	H.265
Field of View	• Horizontal: 94° ~ 50° • Vertical: 53° ~ 30°
Day & Night	IR-Cut Filter with Auto-Switching
Infrared Night Vision	Up to 12 Meters (40ft); LED: 12pcs/1.6W/850nm
Color Night Vision	4pcs/2.7W/6500K/180Lumens
Audio	Two-Way Audio
Power	

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
Pan & Tilt	
Pan & Tilt Range	Pan: 355°, Tilt: 0°~50°
Auto Tracking	Support
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 Features	
Frame Rate	• Main Stream: 2fps - 25fps(default: 20fps) • Sub Stream: 4fps - 15fps(default: 10fps)
Code Rate	• Main Stream: 4096Kbps -8192Kbps(default: 5120Kbps) • Sub Stream: 64Kbps - 512Kbps(default: 256Kbps)
Browser Supported	Edge, Chrome, Firefox, Safari
OS Supported	PC: Windows, Mac OS; Smartphone: iOS, Android
Smart Alarm	Motion Detection/Person Detection/Vehicle Detection/ Pet Detection
Record Mode	Motion Recording (default)/Schedule Recording
Protocols & Standards	HTTPS, SSL, TCP/IP, UDP, IPv4, UPnP, RTSP, RTMP, ONVIF, SMTP, NTP, DHCP, DNS, DDNS, FTP, P2P
Maximum User Access	Support up to 12 simultaneous video streams (10 substreams & 2 mainstreams) 20 Users (1 admin account & 19 user accounts);
Smart Home	Google Assistant

Working Environment	
Temperature	Operating Temperature: -10°C~+50°C (14°F~122°F)
Humidity	Operating Humidity: 10% ~ 90%
Weatherproof	IP64
Size & Weight	
Dimensions	Φ85x118mm
Weight	415g
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, 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 8TB

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/ .

Gallery & Specs



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)



1. Daylight Sensor
2. Spotlight
3. Lens
4. IR LEDs
5. Status LEDs



1. microSD Card Slot
2. Power
3. Network
4. Power Cord
5. Speaker

