

RLK12-800WTM4

4K 2.4/5 GHz Wi-Fi PTZ Dual-Lens Security System

- 4K 8MP UHD
- Dual View, Dual Tracking
- 2.4/5 GHz Dual-Band Wi-Fi



Specifications

Reolink TrackMix WiFi	
Video & Audio	
Image Sensor	1/3"+1/2.8"CMOS Sensor
Video Resolution	Up to 3840 x 2160 (8.0 megapixels) at 25 frames/sec
Lens	f=2.8mm@F=1.6 , f=8mm@F=1.6
Video Compression	H.264,H.265
Field of View	• Horizontal: 104°-38° • Vertical: 60°-21°
Zoom Mode	6X hybrid zoom
Day & Night	IR-cut filter with auto-switching
Infrared Night Vision	Up to 30 meters (100ft) (LED: 2pcs/850nm)
Color Night Vision	Spotlights: 2pcs/6500K/450 lumens
Audio	Two-way audio

Power	
DC Power	DC 12.0V 2A, <12W
Interface	
Power	DC power port
System	Reset button
Ethernet	One 10M/100Mbps RJ45
Storage	Micro SD card slot (Max. 256GB)
Audio	Built-in microphone and speaker
Pan & Tilt	
Pan & Tilt Range	Pan: 355°, Tilt: 0°~90°
Pan Speed	2.5°-90°/s (Speed can be set)
Tilt Speed	1.5°-60°/s (Speed can be set)
Preset Points	32
Auto Tracking	Support
Wi-Fi	
Wireless Standard	IEEE 802.11a/b/g/n
Operating Frequency	2.4GHz/5GHz
Wireless Security	WPA-PSK/WPA2-PSK
Software Features	
Frame Rate	• Mainstream: 2fps - 25fps • Substream: 4fps - 20fps
Code Rate	• Mainstream: 4096Kbps -8192Kbps • Substream: 128Kbps -1228Kbps
Browsers 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 Modes	Motion/scheduled recording (default: motion recording)

Protocols & Standards	HTTP, HTTPS, SSL, TCP/IP, UDP, UPNP, RTSP,RTMP, SMTP, NTP, DHCP, DNS, DDNS, P2P
Maximal User Access	Supports up to 12 simultaneous video streams (10 substreams & 2 mainstreams); 20 users (1 admin account & 19 user accounts)
Work with	Google Assistant
Working Environment	
Temperature	Operating temperature: -10°C~+55°C (14°F~131°F)
Humidity	Operating humidity: 10% ~ 90%
Weatherproof	IP65
Size & Weight	
Dimensions	228*147*129mm
Weight	1.211kg
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. Infrared LED
2. Lens
3. Mic
4. Daylight Sensor
5. Spotlight



1. microSD Card Slot
2. Reset Button



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)

