

P344

12MP UHD PoE Camera with Color Night Vision

- 12MP Ultra HD
- Person/Vehicle/Animal Detection
- Two-Way Audio
- Power over Ethernet



Specifications

Video & Audio	
Image Sensor	1/2.49" CMOS sensor
Resolution	4512*2512 (12Megapixels)@20FPS
Lens	f=4mm F=1.6, with IR Cut
Video Compression	H.265/H.264
Field of View	Horizontal: 100.4° Vertical: 50.6° Diagonal: 123°
Day & Night	IR-cut filter with auto-switching
Infrared Night Vision	30 Meters(2PCS/1.8W/850nm)
Color Night Vision	1pcs/4.3W/6500K/700Lumens
Frame Rate	Main Stream: 2fps - 20fps(default: 20fps) Sub Stream: 4fps -20fps(default: 10fps)
Code Rate	Main Stream: 2048Kbps -10240Kbps(default: 8192Kbps) Sub Stream: 128Kbps - 1228Kbps(default: 1024Kbps)

Audio	Two way Audio
Power	
PoE	IEEE 802.3af, 48V Active
DC Power	DC 12.0V== 1A, <12W
Interface	
Power Port	DC power port
Reset Button	YES
Ethernet Port	One 10M/100Mbps RJ45
Storage	microSD card slot (Max. 512GB)
Audio In/Out	Built-in microphone & speaker
Software Features	
Browser Supported	Edge, Chrome, Firefox, Safari
OS Supported	PC: Windows, Mac OS; Smartphone: iOS, Android
Protocols & Standards	HTTPS, SSL, TCP/IP, UDP, HTTP, IPv4, UPnP, RTSP, RTMP, ONVIF, SMTP, NTP, DHCP, DNS, DDNS, FTP, P2P
User Access	20 Users (1 admin account & 19 user accounts); Support up to 12 simultaneous video streams (10 substreams & 2 mainstreams)
Smart Alarm	Motion detection/Person Detection/Vehicle Detection/Animal Detection
Record Mode	Motion-triggered recording (default); Scheduled recording, 24/7 recording
Perimeter Protection	Line Crossing Alert, Zone Intrusion Alert, Zone Loitering Alert
AI Video Search	YES
Smart Home Compatibility	Google Assistant
Working Environment	
Temperature	Operating Temperature: -10°C~+55°C (14°F~131°F)
Humidity	Operating Humidity: 10% ~ 90%
Waterproof	IP67

Size & Weight	
Dimension	Φ117.4 x 103.8mm
Weight	526g
Warranty	
Limited Warranty	2-year limited warranty. For support, visit https://support.reolink.com/hc/en-us/

Gallery



- ① Mount
- ② Spotlight
- ③ Infrared LED
- ④ Lens
- ⑤ Daylight Sensor



- ① microSD Card Slot
- ② "UP" Mark
- ③ Speaker
- ④ Vent

Tip: Rotate the lens to find the microSD card slot on the bottom.



- ① Power
- ② Reset Button
- ③ Network Port
- ④ Port Cover

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NVS16

16-Channel PoE NVR for 24/7 Continuous Recording

- Support up to 16MP
- Power over Ethernet
- 16-Channel



Specifications

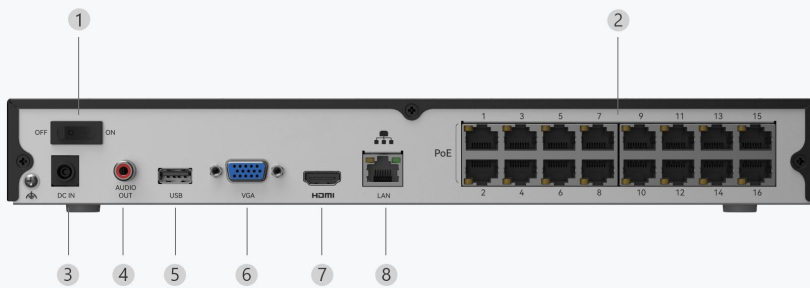
Video/Audio Input	
IP Video Input	Up to 24 IP Cameras (Max.16 wired cameras)
Audio Input	Cameras with built-in MIC
Video/Audio Output	
Video Out	1 HDMI, 1 VGA
Display Resolution	HDMI: 3840x2160, 1920x1080, 1280x1024, 1280x720, 1024x768
	VGA: 1920x1080, 1280x1024, 1280x720, 1024x768
Audio Port	1 audio out channel, RCA
Decoding	
Video Compression	H.265 / H.264
Live View/Playback Resolution	7680X2160, 4608X1728, 4512X2512, 4096X3072, 3840X2160, 2560*2560, 2560X1920, 2560X1440, 2048X1536, 2304X1296,1080P,720P
Synchronous Playback	1-4 channels (Supports only 1-channel playback if you view it in 8MP or higher resolution)
HDD	

SATA	2 SATA interfaces for 2 HDDs
External HDD	N/A
Capacity	Up to 16TB (up to 8TB capacity for each HDD)
External Interfaces	
USB Interface	2 x USB 2.0
Network Interface	16 x RJ-45, 10/100 Mbps self-adaptive PoE Ethernet interface (for IP cameras)
	1 x RJ-45, 10/100/1000 Mbps self-adaptive (for LAN/WAN)
PoE	
Max. Power per Port	25W
Supported Standard	IEEE 802.3 af/at
Network	
Network Protocols	HTTP, TCP/IP, UDP, DHCP, P2P, UPNP, RTMP, SMTP, SSL/TLS, DNS, DDNS, NTP,FTP
Browsers Supported	Edge, Firefox, Chrome, Safari
OS Supported	PC: Windows, Mac OS; Smart phone: iOS, Android
Max. User Access	20 Users (1 admin account & 19 user accounts); supports up to 12 simultaneous video streams (10 substreams & 2 mainstreams)
General	
Power Supply	DC 52V ~ 53V
Power Consumption	<10W (without HDD & PoE)
Working Environment	Temperature: -10°C ~ + 45°C (14°F ~ 113°F); Humidity: 10% ~ 90%
Dimensions	330mm(W) x 45mm(H) x 285mm(D)
Weight	2.4kg (without HDD)
Warranty	
Limited Warranty	2-year limited warranty. For support, visit https://support.reolink.com/hc/en-us/

Gallery & Specs



- ① Logo
- ② Heat Dissipation Hole
- ③ Heat Dissipation Hole
- ④ PWR LED
- ⑤ HDD LED
- ⑥ USB Port



- ① On/Off Switch
- ② RJ45
- ③ POWER Input
- ④ Audio Out
- ⑤ USB Port
- ⑥ VGA Port
- ⑦ HDMI Port
- ⑧ Network