Reolink

RP-PN16

24-Channel* PoE NVR for 24/7 Continuous Recording

- Built-in 4TB HDD
- Expandable Storage up to 32TB
- Supports up to 16MP
- Heat Mapping Technology



Specifications

Video/Audio Input	
IP Video Input	Up to 24 IP Cameras (Max.16 wired cameras) Up to 16 MP resolution
Audio Input	Cameras with built-in MIC
Incoming Bandwidth	400Mbps
Outgoing Bandwidth	400Mbps
Video/Audio Output	
Video Output	1 HDMI, 1 VGA
Display Resolution	HDMI: 3840x2160, 1920x1080, 1280x1024, 1280x720, 1024x768 VGA: 1920x1080, 1280x1024, 1280x720, 1024x768
Audio Output	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(1 x 4TB HDD included)
External HDD	NO
Capacity	Up to 32TB (up to 16TB capacity for each HDD)
External Interface	
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)
Interface	
Alarm In/Out	N/A
PoE	
Max. Power Per Port	25W
Supported Standard	IEEE 802.3 af/at
Network	
Network Protocols	HTTP, TCP/IP, UDP, DHCP, P2P, UPNP, RTSP, 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)
Other Features	
AI Video Search	Yes (need to be supported on cameras as well)
Person & Object Detection	Person, Vehicle, Non-motorized vehicle, Animal and Package (need to be supported on cameras as well)
Perimeter Protection	

	Line Crossing Alert, Zone Intrusion Alert, Zone Loitering Alert (need to be supported on cameras as well)
Smart Event Detection	Object Removal (beta) , Forgotten Object (beta) (need cameras support)
Heat Map	Yes
General	
Power Supply	DC 52V/2.3A
Power Consumption	<10W (without HDD & PoE)
Working Environment	Temperature: -10°C ~ + 45°C (14°F ~ 113°F); Humidity: 10% ~ 90%
Dimensions	255mmx50mmx211mm
Weight	1.4kg(without HDD) 1.8kg(with HDD)
Warranty	
Limited Warranty	3-year

Gallery & Specs



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



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