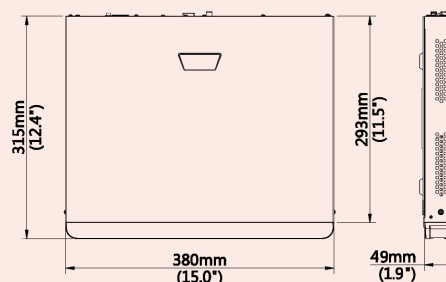# NVR-302-16S-P16

Network Video Recorder with PoE network interfaces

- 16-channel input
- Plug & Play with 16 independent PoE network interfaces
- Third-party IP cameras supported with ONVIF conformance
- Support 1-ch HDMI, 1-ch VGA, HDMI at up to 4K(3840x2160) resolution
- Up to 8 Megapixels resolution recording
- Support H.265/H.264 video formats with Smart Encoding
- Support various VCA detection alarm and VCA search
- Accurate retrieval, instant playback
- Up to 8TB for each disk
- Redundant recording mode
- Support for P2P, UPnP, NTP, DHCP, PPPoE
- Support for mobile client access

Specifications

IP Video Input	16-ch
Two-way audio Input	1-ch, RCA
Incoming bandwidth	112Mbps
Outgoing bandwidth	96Mbps
Remote connection	128
HDMI Output	4K (3840x2160) /60Hz, 4K (3840x2160)/30Hz, 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
VGA Output	1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
Audio Output	1-ch, RCA
Recording Resolution	8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
Synchronous Playback	16-ch up to decoding capacity
Compression	H.265/H.264, Smart Encoding
Live view/ Playback	8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
Decoding capacity	1 x 4K@30, 2 x 4MP@30, 3 x 3MP@25, 4 x 1080P@30, 8 x 720P@30,16 x D1
Storage Interface	2 SATA interface - internal
Capacity	up to 8TB for each disk
Behavior Detection	Intrusion, crossing line, motion detection, Defocus detection, Scene change detection
Exception Detection	Audio detection
Intelligent Identification	Face detection
Statistical Analysis	People counting
Network Interface	1 RJ-45 10M/100M/1000M self-adaptive Ethernet Interface
Camera PoE Interface	8 independent 100 Mbps PoEnetwork interfaces
Supported PoE Standard	IEEE 802.3at, IEEE 802.3af
Network Protocols	HTTP, HTTPS, UPnP, RTSP, RTP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, IP Server, P2P , Telnet (default OFF)
USB Interface	Front panel: 1 x USB2.0, Rear panel: 1 x USB2.0
Alarm In	4 Ch
Alarm Out	1 Ch
Power Supply	100 ~ 240 VAC
Consumption (without HDD)	≤ 9 W
PoE Power Output	Max 30W for single port, Max 240W in total (15W for each)
Working Temperature	-10℃ ~ + 55℃
Dimensions / Weight (W/O HDD)	380 mm × 315mm × 49 mm / ≤2.42kg