PRO SERIES
VPRO-NVR-16-4H-POE-QU

16-CH Network Video Recorder with 4HDD and 16x POE

VEILUX®
The Art of Surveillance

Features:

- Support Ultra 265/H.265/H.264 video formats
- 16 channel input
- Plug & Play with 16 independent PoE network interfaces
- Third-party IP cameras supported with ONVIF conformance: Profile S, Profile G, Profile T and RTSP protocols
- Support HDMI and VGA simultaneous output
- Support 1 ch HDMI, 1 ch VGA. HDMI up to 4K (3840x2160) resolution
- Up to 12 Megapixels resolution recording
- Up to 10TB for each HDD
- ANR technology enhances storage reliability when the network is disconnected
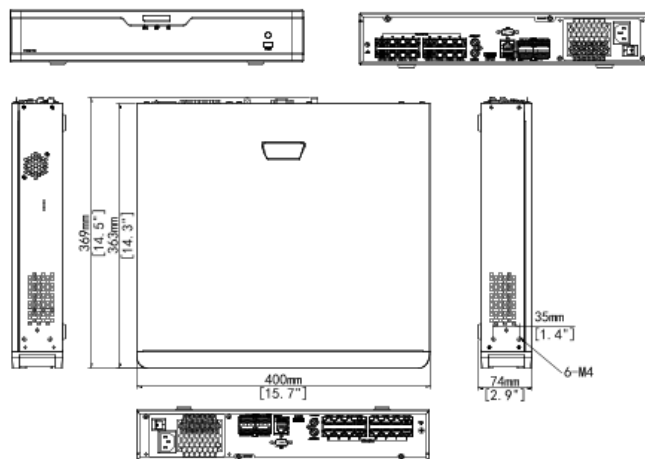- Support cloud upgrade

Specifications:

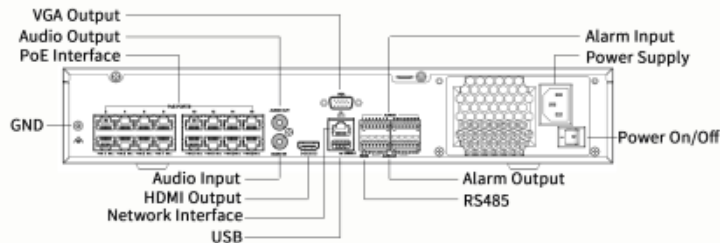| VIDEO/AUDIO INPUT	
IP Video Input	16
Audio Input	1-ch, RCA
NETWORK	
Incoming bandwidth	160Mbps
Outgoing bandwidth	128Mbps
Remote Users	128
Protocols	TCP/IP; P2P; NTP; DHCP; PPPoE; HTTP; HTTPS; DNS; DDNS; SNMP; SMTP; RTSP; IPv6; IPv4
Browser	Windows IE(IE10/11) Firefox (version 52.0 and above) Chrome (version 45 and above) Windows Edge (version 79 and above)
VIDEO/AUDIO OUTPUT	
HDMI Output	HDMI:4K(3840x2160)/30Hz, 1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
VGA Output	VGA:1920x1080/60Hz, 1920x1080/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
Recording Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/960P/720P/D1/2CIF/CIF
Audio Output	1-ch, RCA
Two-way Audio	1-ch, RCA(Using the audio input and output)
Audio Compression	G.711A, G.711U
Synchronous Playback	16-ch
Live View Display	1/4/6/8/9/16
Corridor Mode Screen	3/4/5/7/9/10/12/16
SNAPSHOT	
FTP/Schedule/Event Snapshot	4-ch snapshot, up to D1 resolution
DECODING	
Decoding Format	Ultra 265/H.265/H.264
Capability	Smart Off: 2 x 12MP@30, 2 x 4K@30, 4 x 4MP@30, 10 x 1080P@30, 16 x 720P@30 Smart On: 2 x 4K@30, 4 x 4MP@30, 8 x 1080P@30, 16 x 720P@30
HARD DISK	
SATA	4 SATA interfaces
Capacity	Up to 10TB for each disk
SMART	
VCA Detection by Camera	Face Detection; Vehicle Detection Intrusion Detection, Cross Line Detection, Enter Area, Leave Area, People Counting, People Flow Counting, Crowd Density Traffic Monitoring
VCA Search	Motor Vehicle Search, Non-Motor Vehicle Search, Human Body Search, General Search, People Counting Report, Heat Map
Smart by IPC	Total 8-ch(Face Detection, Vehicle Detection, Intrusion Detection, Cross Line Detection, Enter Area, Leave Area, People Counting (People Flow Counting, Crowd Density Monitoring, Traffic Monitoring

Smart by NVR	face detection; Intrusion Detection, Cross Line Detection, Enter Area, Leave Area, People Counting, Traffic Monitoring
Vehicle Picture Library	Up to 5 vehicle picture libraries,with up to 25,000 vehicle pictures in total
Intrusion Detection,Cross Line Detection,Enter Area,Leave Area by NVR	2 ch
People Counting, People Flow Counting,Crowd Density Monitoring, Traffic Monitoring by NVR	4 ch

ALARM

General Alarm	Defocus Detection, Scene Change Detection, Object Left Behind, Object Removed, Auto Tracking, Motion, Tampering, Human Body Detection, Video Loss, Alarm Input, Audio Detection
Alert Alarm	IP Conflict, Network Disconnected, Disk Offline , Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk Full, Recording/ Snapshot Abnormal

GUI LANGUAGE

GUI Language	38 languages: Simplified Chinese, Traditional Chinese, English, Vietnamese, Thai,Turkish, Spanish (Latin America), Portuguese (Brazil), Spanish, Portuguese, French,German, Italian, Dutch, Polish, Czech, Hungarian, Slovak, Russian, Hebrew, Arabic,Ukrainian, Estonian, Bulgarian, Greek, Romanian, Danish, Swedish, Norwegian, Finnish,Croatian, Slovenia, Serbia, Korean, Japanese, Latvian, Lithuanian, Persian

EXTERNAL INTERFACE

Network Interface	1 RJ45 10M/100M/1000M self-adaptive Ethernet Interface
USB Interface	Front: 1 x USB2.0, Rear panel: 1 x USB3.0
RS232	1
RS485	N/A
Alarm In	16 ch
Alarm Out	4 ch

POE

PoE Interface	16 RJ45 10M/100M self-adaptive Ethernet Interface
Max Power	Max 30W for single port, Max 150W in total
Supported Standard	IEEE 802.3at, IEEE 802.3af

GENERAL

Power Supply	AC 100~240V Power Consumption: ≤ 12W (without HDD)
Working Environment	-10°C~+ 55°C (+14°F~+131°F), Humidity ≤ 90% RH (non-condensing)
Weight	4kg (8.8lb)
Dimensions (LxWxH)	400mm × 369mm × 74mm (15.7"×14.5"×2.9")

Dimensions

Rear Panel