PRO SERIES
VPRO-NVR-256RR-24H-U

256 Channel Network Video Recorder with 24HDD, RAID and Redundant power supply

Features:

- Support Ultra 265/H.265/H.264 video formats
- 256-channel input
- Third-party IP cameras supported with ONVIF conformance: Profile S, Profile G, Profile C, Profile Q, Profile A, Profile T
- Support 2-ch HDMI, 1-ch VGA, HDMI at up to 4K(3840x2160) resolution
- HDMI1, HDMI2 and VGA independent outputs provided
- Up to 12 Megapixels resolution recording
- Redundant power supply optional
- Support HDD hot swap with RAID 0, 1, 5, 6, 10, 50, 60 storage scheme configurable
- 24 SATA HDDs, up to 16TB for each HDD
- Support 2 miniSAS Interfaces
- Support 12V power output
- ANR technology to enhance the storage reliability when the network is disconnected
- Support cloud upgrade
- Support N+1 Hot spare

Specifications:

VIDEO/AUDIO INPUT	
IP Video Input	256-ch
Audio Input	1-ch, RCA
NETWORK	
Incoming bandwidth	768Mbps
Outgoing bandwidth	768Mbps
Remote Users	128
Protocols	TCP/IP;P2P;UPnP;NTP;DHCP;PPPoE;HTTP;HTTPS;DNS;DDNS;SNMP;SMTP;NFS;RTSP;802.1x;IPV6
Browser	IE(IE10/11) for Windows Firefox (version 52.0 and above) for Windows Chrome (version 45 and above) for Windows Edge(version 79 and above) for Windows
VIDEO/AUDIO OUTPUT	
HDMI/VGA Output	HDMI1/HDMI2(HDMI audio output is not supported):4K (3840x2160)/30Hz, 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz VGA:1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
Recording Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/960P/720P/D1/2CIF/CIF
Audio Output	1-ch, BNC
Two-way Audio	1-ch, BNC (Using the audio input and output)
Audio Compression	G.711A, G.711U
Synchronous Playback	16-ch
Live View Display	VGA:1/4/6/8/9/16/25/36, HDMI1/HDMI2:1/4/6/8/9/16/25/36/64
Corridor Mode Screen	3/4/5/7/9/10/12/16/32
SNAPSHOT	
FTP/Schedule/Event Snapshot	128-ch snapshot, up to 4K resolution
DECODING	
Decoding Format	Ultra 265/H.265/H.264
Live View/Playback	32MP/12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
Capability	3 x 12MP@30, 5 x 4K@30, 20 x 1080P@30, 24 x 1080P@25, 40 x 960P@25, 45 x 720P@30, 54 x 720P@25, 96 x D1
HARD DISK	
SATA	24 SATA interfaces
Capacity	Up to 16TB for each disk
Disk Array Type	RAID 0, 1, 5, 6, 10, 50, 60
Hot Swap	Support

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VEILUX
The Art of Surveillance

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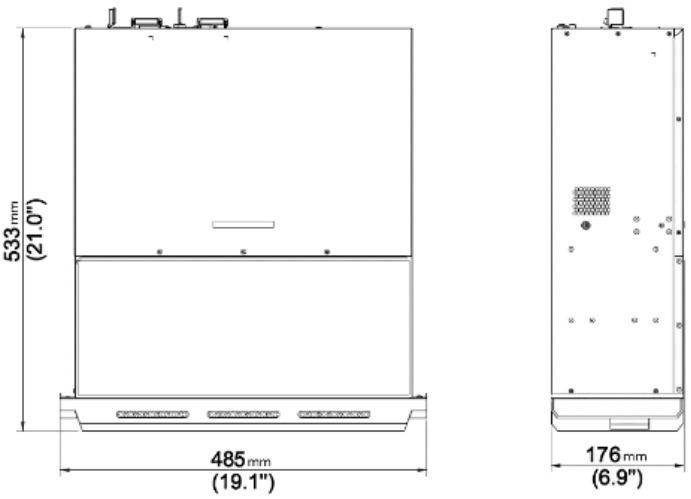
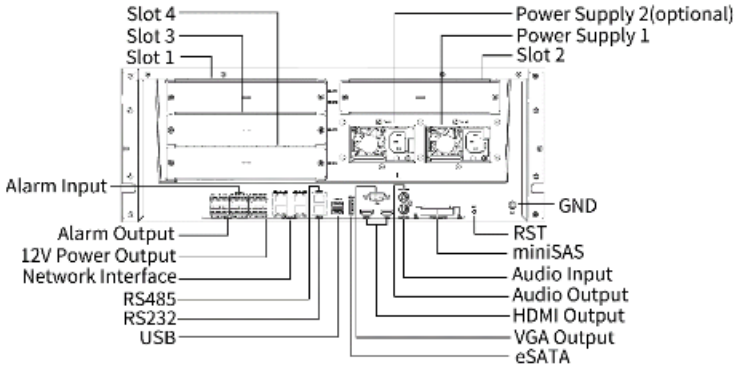
SMART	
VCA Detection by Camera	Face Detection;Vehicle Detection;SIP(Intrusion Detection, Cross Line Detection, Enter Area, Leave Area);Ultra Motion Detection(UMD);Temperature Detection(Fire Detection, Smoking Detection, Temperature Measurement, Smoke and Fire Detection);People Counting(People Flow Counting, Crowd Density Monitoring);Video Metadata;Traffic Monitoring
VCA Search	Motor Vehicle Search, Non-Motor Vehicle Search, Human Body Search, General Search, People Counting Report, Heat Map
Smart by IPC	All channels (up to 64 images/s in total)Face Detection, Vehicle Detection, Temperature Detection, SIP, UMD, Video Metadata, Traffic Monitoring
Smart by NVR	In the Smart Card datasheet
Vehicle Picture Library	Up to 5 vehicle picture libraries, with up to 25,000 vehicle pictures in total
SIP by NVR	In the Smart Card datasheet
Capacity of Snapshot Records	5 millions records for face snapshot; 5 millions records for vehicle snapshot;2 millionsrecords for SIP
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
EXTERNAL INTERFACE	
Network Interface	4 RJ45 10M/100M/1000M self-adaptive Ethernet Interface;2 1000M SFP Ethernet Interface
USB Interface	Front panel: 2 x USB2.0;Rear panel: 2 x USB3.0
RS232	1
RS485	1
Alarm In	24-ch
Alarm Out	8-ch
eSATA	1
miniSAS	2
Extension board	4
GENERAL	
Power Supply	100～240V AC Power Consumption: ≤ 70W (without HDD)
Power Output	12V
Redundant Power Supply	Support
Working Environment	-10 °C ～ 50 °C (14 °F ～ 122 °F), Humidity ≤ 90% RH (non-condensing)
Dimensions (LxWxH)	484.6mm×533mm×175.5mm (19.1"×21.0"×6.9")
Weight	≤12.5Kg (27.56lb)

Dimensions



Rear Panel



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