

# V-RECON SERIES VPRO-NVR-256

256 Channel Super Network Video Recorder



## Key Features

- Max 256channel IP cameras connection
- Max 512Mbps incoming bandwidth
- Up to 128ch@1080P, 256ch@720P real-time recording
- Built In 10 Ports Video Matrix (Optional)
- Support 24 hot-swap HDDs
- Support RAID0/1/5
- Support N+M hot standby
- Support iSCSI & Mini SAS to expand storage space
- Human-oriented UI
- Compatible with SDK and seamlessly integrated to other platforms
- Support Multi-brand network cameras
- ONVIF Version 2.2 conformance
- Front LCD display
- Built-in web server, Free CMS, free mobile phone APPs
- Redundant power supply module adopted (Optional VPRO-NVR-256R)

256ch IP camera inputs, max 8MP resolution, Max 512Mbps incoming bandwidth support RAID, HDMI, VGA, USB2.0, USB3.0 and 24 HDDs. Front LCD display. Redundant power supply module adopted.

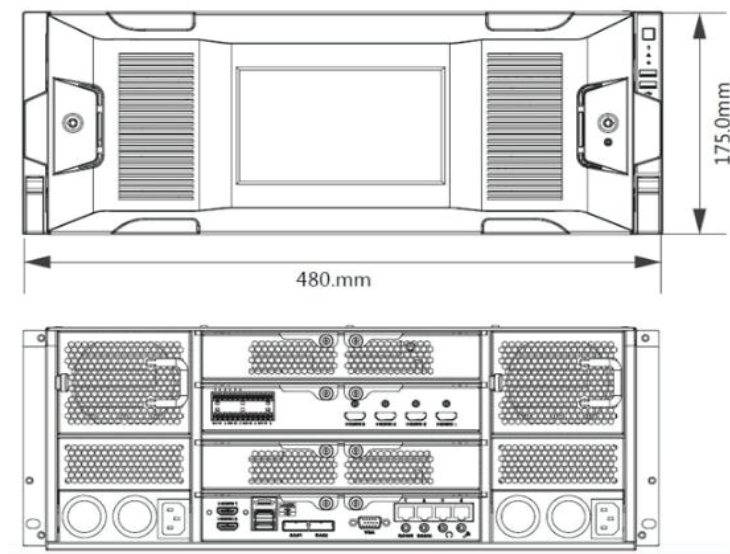
Specifications	
System	
Main Processor	Intel Processors
Operating System	LINUX
Motherboard	Embedded Board (Support 7x24 operation)
Memory	8GB DDR3 (UP to 16GB)
Case	Hot-dipped galvanized sheet steel (1.2mm thickened), High-precision aluminum alloy slide, patented pull-out rack design
Fan	Dual ball screw bearing fan, MTBF>100,000h, support replacement during operation
Interface	Local GUI & WEB GUI
Video and Audio	
Input	128ch@1080/256ch@720p
Transmission	128ch@1080p@720p
Recording	128ch@1080/256@720p
Preview	20ch@1080/40ch@720p/68@D1 (Screen 1~2, default) +16@1080/16ch@720p/16ch@D1 (Screen 3~6) (Optional)
Playback	16ch@1080p/16ch@720/16ch@D1 (128Mbps in Raid 5 mode) 8ch@1080/16ch@720p/16ch@D1 (64Mbps in single HDD mode)
Recording Resolution	8Mp, 5Mp, 3Mp, 1080P, 720, 960H, D1, CIF, QCIF, VGA
Audio	1ch Mic in, 1ch Mic out
Display	
Interface	2 HDMI + 1 VGA (Optional: 6 HDMI, 1 VGA)
Video Output	2 HDMI/1 HDMI + 1 VGA (Optional: 6HDMI Sync output/1 VGA+5 HDMI Sync output)
Multi-Screen Display	1st screen: 1/4/8/9/16/25/36/64 2nd-6th screen: 4 (Optional)
Privacy Masking	4 customized zones for privacy masking for each area
Recording	
Backup Mode	Network download/ USB HDD/ USB CD&DVD-RW/ eSata Device
Alarm Recording	Video loss, Camera Blank Motion detection, External alarm
Record Mode	Manual, Schedule, (Regular/Continuous), MD (Video detection: Motion detection, Camera blank, Video loss), Alarm, Stop
Video Detection and Alarm	
Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips
Video Detection	Motion Detection, MD Zones: 396(22x18), Video Loss & Camera Blank
Alarm Input	16 ch, low level effective, green terminal interface
Relay Output	8ch, Relay contact (1A@24VDC), NO/NC programmable green terminal interface
Playback and Backup	
Playback	128Mbps in Raid 5 mode, 64Mbps in single HDD mode
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart Search
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next Camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom
Backup Mode	USB Device/Network/Internal SATA burner, eSATA Device

# V-RECON SERIES VPRO-NVR-256

256 Channel Super Network Video Recorder



Dimension (mm)



Network	
Interface	4 RJ-45 ports (10/100/1000Mbps)
Ethernet Port	4 Ethernet ports joint working or 4 independant 1000Mbps Ethernet ports
Storage	
Internal HDD	24 SATA ports, up to 144TB
HDD Mode	Single, raid 0, Raid 1, Raid 5 (support global HDD Hot-standby)
HDD Installation	Independent HDD rack, support hot swap
MD & Alarm	
Motion Detection	Zones: 396 (22x18), Sensitivity : 1 ~6 (level 6 is highest)
Alarm Input	4hc, low level effective, green terminal interface
relay output	4ch, relay contact (1A@24VDC), NO/NC Programmable green terminal interface
Auxiliary Interface	
Front Cover	Support hot swap, 7" HD LCD (1920x1080/1280x1024/1024x768) (Model-D&DR)
USB	4 USB ports ( 2 USB 2.0, on front-panel, 2 USB 3.0 on rear panel )
eSATA	1 eSATA port
SAS	1 mini SAS port, for storage expansion
General	
Power Supply	AC100V~240V, 47~63Hz
Power Consumption	200W ~ 400W (Without HDD)
Working Environment	0°C ~ 40°C
Working Humidity	4U, 480mmx494mmx175mm
Dimension (WxDxH)	531.9mm x485mm(with ears)x133.2mm
Weight	29Kg ( Without HDD)
Installation	Rack-Mounted