

NVR8-16400AN(1U)-V2

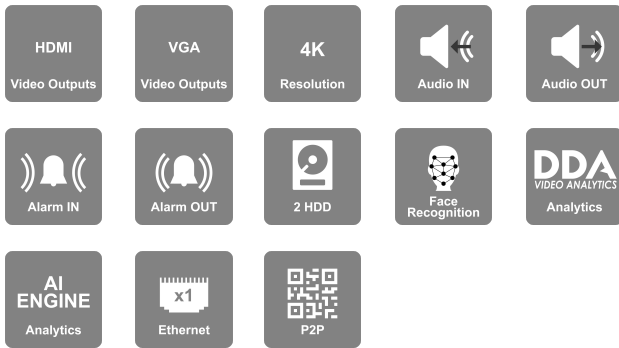
8MP 16CH NVR with alarms, check point protection, and NDAA compliance

Provision-ISR's NVR8-16400AN(1U)-V2 is an easy-to-install solution for mid-sized installations (up to 16 channels). Check Point Quantum IoT Nano agent is integrated into this model. It provides an advanced threat prevention layer against the common attack vectors at runtime. The device complies with NDAA demands. It features 4 alarm inputs + 1 alarm output and provides you with everything you need for a trouble-free CCTV project.

16
CH

CHECK POINT
EMBEDDED

8
MP



MAIN FEATURES

Video:

- Input: 16 Channel Support
- 16 Channel Standard Connection (Via RJ-45 Network Port)
- Output: HDMI (4K, 1080P), VGA (1080P, 1280×1024, 1024×768)

Bandwidth:

- Incoming: 96Mbps
- Outgoing: 96Mbps

Decoding Support:

- H.265S/H.265+/H.265/H264

Analytics:

- Camera Tampering, DDA2 With Object Classification, Line Crossing (DDA / Pixel Based), Sterile Area (DDA / Pixel Based), Object Monitoring, Loitering Detection, Illegal Parking, Audio Exception, Heat Map, Object Counting (Line), Object Counting (Area), Smart Search, Face Recognition, LPR, Thermal, Crowd Gathering, People Intrusion

Recording:

- 16CH 8MP Real-Time
- FPS: 400 (PAL) / 480 (NTSC)

Playback:

- Local: 16Ch Simultaneously
- Remote: 16Ch Simultaneously

Audio:

- Input: 1CH + IPC Inputs
- Output: 1CH + IPC Output
- 2 Way Audio

Alarm:

- Input: 4+IPC
- Output: 1+IPC

Storage:

- 2 x SATA (Up to 10TB each)

USB Port:

- 2 USB 2.0 Port

Network:

- 1 x RJ-45: 10/100/1000Mbps Each

Remarks:

- The following features are based on firmware v1412_76576_RD250115 and are subject to firmware version changes.



SPECIFICATIONS

3rd Party Cyber Protection	
General	Quantum IoT Nano agent by Check Point™
Protection Methods	Shell injection protection, File Monitor, Import-Table Protection, Dynamic-Memory Protection
NDAA Compliant	
NDAA Compliant	Yes
Video	
Video Input	16Ch over Network / PoE direct connection
Output	HDMI (4K, 1080P), VGA (1080P, 1280x1024, 1024x768)
View Mode	Mirrored
Fish-Eye Dewarp	Web Only
Decoding Format	H.265 / H.265+ / H.265S / H.264
Decoding Capabilities	1Ch - 8MP ; 4Ch - 2MP ; 9/16Ch - D1
Audio	
Audio-specs-Input	1CH RCA (Linear, 1kΩ) + IPC inputs
audio-specs-Output	1CH RCA (2.0 Vp-p, 1 kΩ) + IPC outputs IP Speaker
Compression	G.711A/G.711U
Two Way Audio	Yes
Analytics	
Supported Analytics	Camera Tampering, DDA2 With Object Classification, Line Crossing (DDA / Pixel Based), Sterile Area (DDA / Pixel Based), Object Monitoring, Loitering Detection, Illegal Parking, Audio Exception, Heat Map, Object Counting (Line), Object Counting (Area), Smart Search, Face Recognition, LPR, Thermal, Crowd Gathering, People Intrusion
Analytics Channels (IPC Based)	16Ch (Requires supporting IPC)
Analytic Channels (NVR Based)	Up to 2Ch DDA1 (Sterile Area/Line Crossing) or Up to 2Ch Face Detection (or their combinations)
Face Recognition Rate	N/A
Bandwidth	
Incoming	96Mbps

Outgoing	96Mbps
Record/ Main Stream	
Real-Time Recording	16CH 8MP Real-Time
Record Type	Video / Video + Audio
Recording Modes	Schedule, Manual, Motion, Sensor, Analytics, POS and all of the combinations
16MP	N/A
12MP	N/A
8MP	480FPS(NTSC)/400FPS(PAL)
5MP and lower	480FPS(NTSC)/400FPS(PAL)
Master stream over network	Up to 16CH@Recording Resolution
Substream	
Resolution substream	Depends on IPC
Remote view	
Max Channel View	80Ch (Limited to Outgoing Bandwidth Capacity)
Remote Applications	
User Access	64 Users online with Professional Authority Management
Mobile App	Provision Cam2 for iOS/Android
PC/Mac Software	Ossia VMS Standard / Enterprise
Plug-in free Web-Browser	Chrome, FireFox, Safari, Edge, Opera. (All Limited to 4Ch Live View / Playback) *P2P WEB connection always requires Plugin
Plug-in based Web-Browser	Internet Explorer
Playback	
Local	16Ch
Remote	16Ch

Search Mode	DDA Object, Smart Search, LPR, Time-Slice, Time, Event, POS
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Backup

USB	2 USB 2.0 Port
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Backup Format	AVI (Unencrypted) / Private Format (Encrypted / Unencrypted)
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Alarm

Alarm-in	4+IPC
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Alarm-out	1+IPC
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Storage

HDD	2
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E-Sata Support	No
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RAID	N/A
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PTZ

Connection	Via Network
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Supported Controls	Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
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RS-485	N/A
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Network

Ethernet	1000/100/10Mbps self-adaptive Ethernet interface
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Protocols	TCP/IPv4/IPv6, DHCP, DDNS, NTP, SMTP, SSL/TLS, UPnP, P2P, RTSP, FTP, HTTPS, 820.1X, SNMP, Auto Report Input + Output(Ossia VMS)
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ONVIF	Full Device Support (Profile T/S/G, ONVIF Version 20.12)
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PoE

PoE Ports	N/A
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Speed	N/A
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Standard	N/A
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CCTV Mode	N/A
Total Power	N/A
Max. Power Output (Per Ch.)	N/A
Others	
Power Supply	DC12V/3A
Power consumption (No HDD)	5W
Dimension	W375xD275xH50mm
Operation Temperature	0°C~50°C