

# NVR8-16400AN(1U)-V2

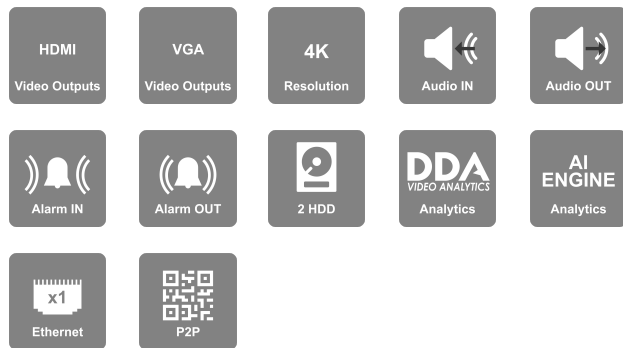
## 8MP 16CH NVR with alarms, check point protection, and NDAA compliance

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, 1280x1024, 1024x768)

**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, Object Counting (DDA), Crowd Gathering, People Intrusion, Smart Search, LPR, Thermal

**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 v1.4.10 and are subject to firmware version changes.



## SPECIFICATIONS

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

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

<b>Search Mode</b>	DDA Object, Smart Search, LPR, Time-Slice, Time, Event, POS
<b>Backup</b>	
<b>USB</b>	2 USB 2.0 Port
<b>Backup Format</b>	AVI (Unencrypted) / Private Format (Encrypted / Unencrypted)
<b>Alarm</b>	
<b>Alarm-in</b>	4+IPC
<b>Alarm-out</b>	1+IPC
<b>Storage</b>	
<b>HDD</b>	2
<b>E-Sata Support</b>	No
<b>RAID</b>	N/A
<b>PTZ</b>	
<b>Connection</b>	Via Network
<b>Supported Controls</b>	Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
<b>RS-485</b>	N/A
<b>Network</b>	
<b>Ethernet</b>	1000/100/10Mbps self-adaptive Ethernet interface
<b>Protocols</b>	TCP/IPv4/IPv6, DHCP, DDNS, NTP, SMTP, SSL/TLS, UPnP, P2P, RTSP, FTP, HTTPS, 820.1X, SNMP, Auto Report (Ossia VMS)
<b>ONVIF</b>	Full Device Support (Profile T/G, ONVIF Version 20.12)
<b>PoE</b>	
<b>PoE Ports</b>	N/A
<b>Speed</b>	N/A
<b>Standard</b>	N/A

# NVR8-16400AN(1U)-V2

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