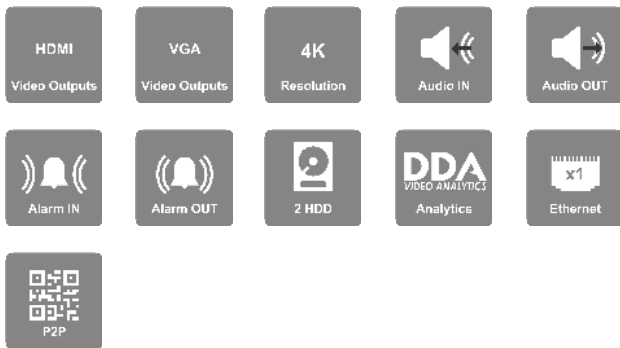# NVR8-16400AN(1U)

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

Provision-ISR's NVR8-16400AN(1U) 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 |

HDMI Video Outputs | VGA Video Outputs | 4K Resolution | Audio IN | Audio OUT

Alarm IN | Alarm OUT | 2 HDD | DDA VIDEO ANALYTICS Analytics | x1 Ethernet

P2P

NDAA | FACE DETECTION | POWER OVER ETHERNET | AI ENGINE

MAIN FEATURES

• NVR8-16400AN(1U) Video Input:
• 16 Channels Video Output:
• HDMI – 4K
• VGA 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 8TB each) Network:
• 1 x RJ-45: 10/100/1000Mbps PTZ:
• Network PTZ Support Power Supply:
• DC12V/4A Analytics: AI by IPC:
• All Analytics Supported by the camera FW Version: v1.4.7
*Features subject to firmware version changes.

https://provision-isr.com

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
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
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, Object Counting (DDA), Crowd Gathering, People Intrusion, Smart Search, LPR, Thermal *DDA/LPR Analytics Live Snapshots are not supported
Analytics Channels (IPC Based)	16Ch (Requires supporting IPC)
Analytic Channels (NVR Based)	N/A
Face Recognition Rate	N/A

Bandwidth	
Incoming	96Mbps
Outgoing	96Mbps

NVR8-16400AN(1U)

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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	10 Users Online with Professional Autorithy 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.
Plug-in based Web-Browser	Internet Exporer

Playback

Local	16Ch
Remote	16Ch
Search Mode	DDA Object, Smart Search, LPR, Time-Slice, Time, Event, POS

Backup

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

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

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

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

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

PoE	
PoE Ports	N/A
Speed	N/A
Standard	N/A
CCTV Mode	N/A
Total Power	N/A
Max. Power Output (Per Ch.)	N/A

Others	
Power Supply	DC12V/4A
Power consumption (No HDD)	5W
Dimension	W375xD275xH50mm
Operation Temperature	0°C~50°C

DIMENSIONS