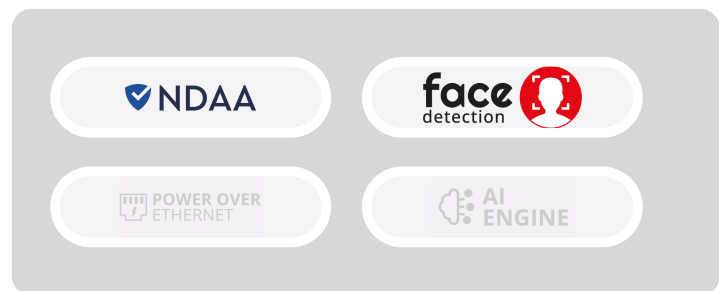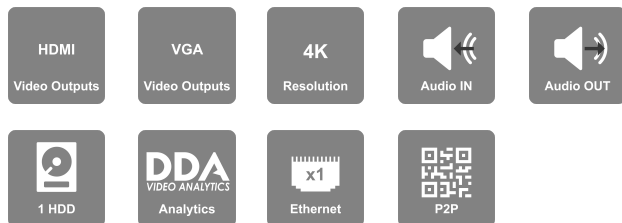# NVR8-8200N

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

Provision-ISR's NVR8-8200N is an easy-to-install solution for mid-sized installations (up to 8 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 and includes built-in check-point protection. It features 4 alarm inputs + 1 alarm output and provides you with everything you need for a trouble-free CCTV project.

HDMI Video Outputs	**VGA** Video Outputs	**4K** Resolution	Audio IN	Audio OUT
1 HDD	**DDA** VIDEO ANALYTICS Analytics	x1 Ethernet	P2P	

NDAA · face detection · POWER OVER ETHERNET · AI ENGINE

MAIN FEATURES

Video:
- Input: 8 Channel Support
- 8 Channel Standard Connection (Via RJ-45 Network Port)
- Output: HDMI (4K@60Hz, 4K@30Hz, 1080P), VGA (1080P, 1280×1024, 1024×768)

Bandwidth:
- Incoming: 80Mbps
- Outgoing: 80Mbps

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
- *DDA/LPR Analytics Live Snapshots are not supported

Recording:
- 8CH 8MP Real-Time
- FPS: 200 (PAL) / 240 (NTSC)

Playback:
- Local: 8Ch Simultaneously
- Remote: 8Ch Simultaneously

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

Alarm:
- Input: Based on IPC only
- Output: Based on IPC only

Storage:
- 1 x SATA (Up to 10TB each)

USB Port:
- 1 USB 2.0 Port + 1 USB 3.0 Port

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

Remarks:
- The following features are based on firmware v1.4.7 and are subject to firmware version changes.

https://provision-isr.com

NVR8-8200N

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	8Ch over Network
Output	HDMI (4K@60Hz, 4K@30Hz, 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 – 2x8MP + 2x5MP ; 9Ch – 1MP

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)	8Ch (Requires supporting IPC)
Analytic Channels (NVR Based)	N/A
Face Recognition Rate	N/A

Bandwidth	
Incoming	80Mbps

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PROTECTING YOUR PRIVACY

Outgoing	80Mbps

Record/ Main Stream	
Real-Time Recording	8CH 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	240FPS(NTSC)/200FPS(PAL)
5MP and lower	240FPS(NTSC)/200FPS(PAL)
Master stream over network	Up to 12CH@Recording Resolution

Substream	
Resolution substream	Depends on IPC

Remote view	
Max Channel View	40Ch (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	8Ch
Remote	8Ch

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

Backup	
USB	1 USB 2.0 Port + 1 USB 3.0 Port
Backup Format	AVI (Unencrypted) / Private Format (Encrypted / Unencrypted)

Alarm	
Alarm-in	Based on IPC only
Alarm-out	Based on IPC only

Storage	
HDD	1
E-Sata Support	No
RAID	N/A

PTZ	
Connection	Via Network
Supported Controls	Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
RS-485	Yes (C06 Keyboard Connection)

Network	
Ethernet	10/100Mbps 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	12VDC/2A
Power consumption (No HDD)	10W
Dimension	W300xD250xH50mm
Operation Temperature	0°C~50°C