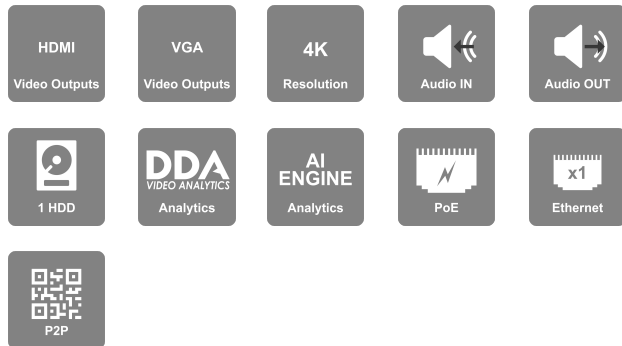


NVR8-8200PN-V2

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

Provision-ISR's NVR8-8200PN-V2 offers a seamless solution tailored for mid-sized installations (up to 8 channels). Integrated with the Check Point Quantum IoT Nano agent, it ensures advanced threat prevention in real-time and safeguards against common attack vectors. With 8PoE ports and compliance with NDAA requirements, this device provides all the essential features for a hassle-free CCTV project.



MAIN FEATURES

Video:

- Input: 8 Channel Support
- 8 Channel PoE / Standard Network Connection (Via 8 x RJ-45 / Network)
- Output: HDMI (4K, 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, Loitering Detection, Illegal Parking, Audio Exception, Heat Map, Object Counting (Line), Object Counting (Area), Smart Search, Face Detection, LPR, Thermal, Crowd Gathering, People Intrusion

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:

- 2 USB 2.0 Port

Network:

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

Remarks:

- The following features are based on firmware v1.4.12_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	8Ch 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
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 Detection, LPR, Thermal, Crowd Gathering, People Intrusion
Analytics Channels (IPC Based)	8Ch (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	80Mbps

Outgoing	80Mbps
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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 8CH@Recording Resolution

Substream

Resolution substream	Depends on IPC
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Remote view

Max Channel View	40Ch (Limited to Outgoing Bandwidth Capacity)
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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 connetion always requires Plugin
Plug-in based Web-Browser	Internet Explorer

Playback

Local	8Ch
Remote	8Ch

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

USB	2 USB 2.0 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
HDD Max Capacity	10TB
E-Sata Support	No
Total HDD Max Capacity	10TB
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 Input + Output (Ossia VMS)
ONVIF	Full Device Support (Profile T/S/G, ONVIF Version 20.12)

PoE

PoE Ports	8xRJ45
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Speed	10/100Mbps (10Mbps under CCTV Mode)
Standard	PoE (IEEE802.3AF/AT)
CCTV Mode	Yes (Up to 200m and 10Mbps bandwidth)
Total Power	72W (Average 9W per Channel)
Max. Power Output (Per Ch.)	~25.5W

Others	
Power Supply	DC 48V/1.875A
Power consumption (No HDD)	10W
Dimension	W300xD249xH45mm
Operation Temperature	0°C~50°C