

# NVR8-8200PN-V2

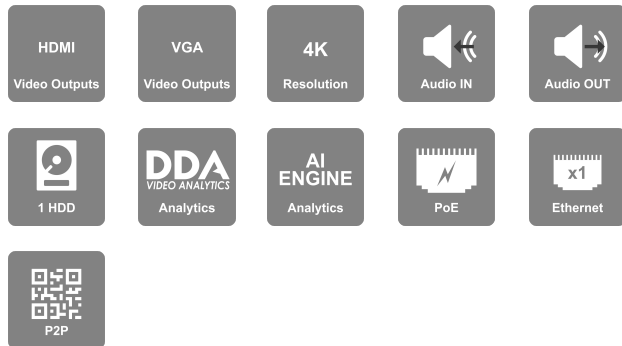
## 8CH 8MP PoE NVR with alarms, and NDAA compliance

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.

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## 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\_79765\_RD250620 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	VMS + Web Only (1 at a time)
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) Supported Resolution: 1MP – 4K
Face Recognition Rate	N/A
Bandwidth	
Incoming	80Mbps

<b>Outgoing</b>	80Mbps
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## Record/ Main Stream

<b>Real-Time Recording</b>	8CH 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>	240FPS(NTSC)/200FPS(PAL)
<b>5MP and lower</b>	240FPS(NTSC)/200FPS(PAL)
<b>Master stream over network</b>	Up to 8CH@Recording Resolution

## Substream

<b>Resolution substream</b>	Depends on IPC
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## Remote view

<b>Max Channel View</b>	40Ch (Limited to Outgoing Bandwidth Capacity)
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## Remote Applications

<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. (All Limited to 4Ch Live View / Playback) *P2P WEB connetion always requires Plugin
<b>Plug-in based Web-Browser</b>	Internet Explorer

## Playback

<b>Local</b>	8Ch
<b>Remote</b>	8Ch

<b>Search Mode</b>	DDA Object, Smart Search, LPR, Time-Slice, Time, Event, POS
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## Backup

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

## Alarm

<b>Alarm-in</b>	Based on IPC only
<b>Alarm-out</b>	Based on IPC only

## Storage

<b>HDD</b>	1
<b>HDD Max Capacity</b>	10TB
<b>E-Sata Support</b>	No
<b>Total HDD Max Capacity</b>	10TB
<b>RAID</b>	N/A

## PTZ

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

## Network

<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 Input + Output (Ossia VMS)
<b>ONVIF</b>	Full Device Support (Profile T/S/G, ONVIF Version 20.12)

## PoE

<b>PoE Ports</b>	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