

# NVR5-8200PXN(MM)

## 8CH 5MP PoE NVR with NDAA compliance

Provision-ISR's NVR5-8200PXN(MM) is a high-performance network video recorder with an integrated 8-channel PoE switch for high-definition surveillance. This NDAA-compliant, easy-to-install solution is suitable for small-sized installations (up to 8 channels), providing you with everything you need for a trouble-free CCTV project. This model complies with NDAA demands and ensures that your devices are cyber-protected round the clock with the integrated Check Point Quantum IoT Nano agent that provides an advanced threat prevention layer against the common attack vectors at runtime.

8  
CH

5  
MP



## MAIN FEATURES

### Video:

- Input: 8 Channel Support
- 8 Channel PoE / Standard Network Connection (Via 8 x RJ-45 / Network)
- Output: HDMI / VGA (1080P, 1280×1024, 1024×768)

### Bandwidth:

- Incoming: 64Mbps
- Outgoing: 64Mbps

### 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, Thermal (Limited Support)
- \*DDA Analytics Live Snapshots are not supported

### Recording:

- 8CH 5MP Real-Time
- FPS: 200 (PAL) / 240 (NTSC)

### Playback:

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

### Audio:

- Input: IPC Inputs Only
- Output: IPC Outputs Only

### Alarm:

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

### Storage:

- 1 x SATA (Up to 6TB each)

### USB Port:

- 2 USB 2.0 Port

### Network:

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

### Remarks:

- The following features are based on firmware v1.4.8 and are subject to firmware version changes.



## SPECIFICATIONS

3rd Party Cyber Protection	
General	N/A
Protection Methods	N/A
NDAA Compliant	
NDAA Compliant	Yes
Video	
Video Input	8Ch over Network / PoE direct connection
Output	HDMI / 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 - 5MP ; 4Ch - 1080P
Audio	
Audio-specs-Input	Based on IPC only
audio-specs-Output	Based on IPC only
Compression	G.711A/G.711U
Two Way Audio	No
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, Thermal (Limited Support) *DDA 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	64Mbps

<b>Outgoing</b>	64Mbps
<b>Record/ Main Stream</b>	
<b>Real-Time Recording</b>	8CH 5MP Real-Time
<b>Record Type</b>	Video / Video + Audio
<b>Recording Modes</b>	Schedule, Manual, Motion, Sensor, Analytics, POS and all of its combinations
<b>16MP</b>	N/A
<b>12MP</b>	N/A
<b>8MP</b>	N/A
<b>5MP and lower</b>	240FPS(NTSC)/200FPS(PAL)
<b>Master stream over network</b>	Up to 8CH@Recording Resolution
<b>Substream</b>	
<b>Resolution substream</b>	Depends on IPC
<b>Remote view</b>	
<b>Max Channel View</b>	40Ch (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 (All Limited to 4Ch Live View / Playback)
<b>Plug-in based Web-Browser</b>	Internet Explorer
<b>Playback</b>	
<b>Local</b>	8Ch
<b>Remote</b>	8Ch

<b>Search Mode</b>	DDA Object, Smart Search, 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>	Based on IPC only
<b>Alarm-out</b>	Based on IPC only
<b>Storage</b>	
<b>HDD</b>	1
<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>	10/100Mbps self-adaptive Ethernet interface
<b>Protocols</b>	TCP/IPv4/IPv6, DHCP, DDNS, NTP, SMTP, SSL/TLS, UPnP, P2P, RTSP, 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>	8xRJ45
<b>Speed</b>	10/100Mbps (10Mbps under CCTV Mode)
<b>Standard</b>	PoE (IEEE802.3AF/AT)

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<b>CCTV Mode</b>	Yes (Up to 200m and 10Mbps bandwidth)
<b>Total Power</b>	72W (Average 9W per Channel)
<b>Max. Power Output (Per Ch.)</b>	~25.5W
<b>Others</b>	
<b>Power Supply</b>	DC48V/2.5A
<b>Power consumption (No HDD)</b>	5W
<b>Dimension</b>	W255xD220xH45mm
<b>Operation Temperature</b>	0°C~50°C

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## DIMENSIONS

