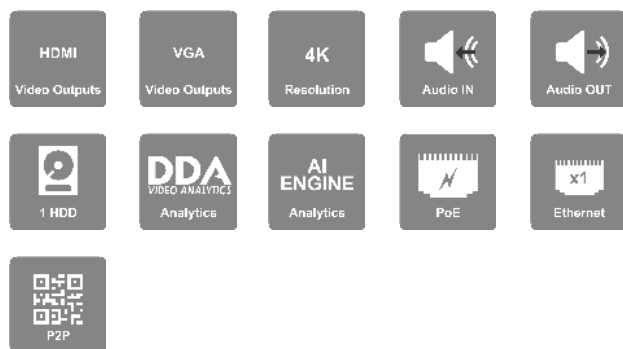# NVR8-8200PN-V2

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

Integrated with the Check Point Quantum IoT Nano agent, it ensures advanced threat prevention in real-time and safeguards against common attack vectors.

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

1 HDD | DDA VIDEO ANALYTICS Analytics | AI ENGINE Analytics | PoE | x1 Ethernet

P2P

NDAA | face detection | POWER OVER ETHERNET | AI ENGINE

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, Object Counting (DDA), Crowd Gathering, People Intrusion, Smart Search, LPR, Thermal

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

NVR8-8200PN-V2

SPECIFICATIONS

Remarks:

- The following features are based on firmware v1.4.10 and are subject to firmware version changes.

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
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
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

NVR8-8200PN-V2

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 8CH@Recording Resolution

Substream	
Resolution substream	Depends on IPC

Remote view	
Max Channel View	40Ch (Limited to Outgoing Bandwidth Capacity)

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.
Plug-in based Web-Browser	Internet Explorer

Playback	
Local	8Ch
Remote	8Ch

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

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
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	8xRJ45
Speed	10/100Mbps (10Mbps under CCTV Mode)
Standard	PoE (IEEE802.3AF/AT)

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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