

# NVR12-8200PFAN

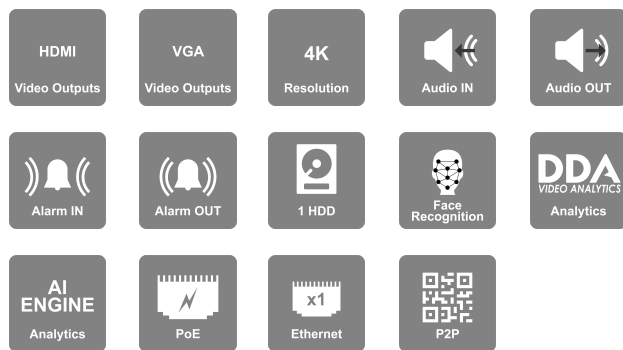
## 8CH 12MP NDAA-compliant Face Recognition NVR with Alarms

Provision-ISR's NVR12-8200PFAN complies with NDAA demands and is a high-performance network video recorder with an integrated 8-channel PoE switch for high-definition surveillance, supporting Face Recognition and advanced Video Analytics (DDA). The device, suitable for small-sized installations (up to 8 channels), features 8 alarm inputs + 8 alarm outputs and provides you with everything you need for a trouble-free CCTV project.

**8**  
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**12**  
MP



## MAIN FEATURES

### Video:

- Input: 8 Channel Support
- 8 Channel PoE / Standard Network Connection (Via 8 x RJ-45 / Network)
- Output: HDMI (4K@60Hz, 4K@30Hz, 1080P), VGA (1080P, 1280x1024, 1024x768)

### 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, Face Recognition, LPR, Thermal.
- Advanced Face Recognition Mode: Supports up to 2 Non-AI IPCs and performs face detection and recognition.

### Recording:

- 8CH 12MP 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: 8+IPC
- Output: 4+IPC

### Storage:

- 1 x SATA (Up to 10TB each)

### USB Port:

- 2 USB 2.0 Port + 1 USB 3.0 Port

### Network:

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

### Remarks:

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



## SPECIFICATIONS

3rd Party Cyber Protection	
<b>General</b>	Quantum IoT Nano agent by Check Point™
<b>Protection Methods</b>	Shell injection protection, File Monitor, Import-Table Protection, Dynamic-Memory Protection
NDAA Compliant	
<b>NDAA Compliant</b>	Yes
Video	
<b>Video Input</b>	8Ch over Network
<b>Output</b>	HDMI (4K@60Hz, 4K@30Hz, 1080P), VGA (1080P, 1280x1024, 1024x768)
<b>View Mode</b>	Mirrored
<b>Fish-Eye Dewarp</b>	Local + Web
<b>Decoding Format</b>	H.265 / H.265+ / H.265S / H.264
<b>Decoding Capabilities</b>	1Ch - 12MP ; 4Ch - 4MP ; 8CH - D1
Audio	
<b>Audio-specs-Input</b>	1CH RCA (Linear, 1kΩ) + IPC inputs
<b>audio-specs-Output</b>	1CH RCA (2.0 Vp-p, 1 kΩ) + IPC outputs
<b>Compression</b>	G.711A/G.711U
<b>Two Way Audio</b>	Yes
Analytics	
<b>Supported Analytics</b>	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, Face Recognition, LPR, Thermal. Advanced Face Recognition Mode: Supports up to 2 Non-AI IPCs and performs face detection and recognition.
<b>Analytics Channels (IPC Based)</b>	8Ch (Requires supporting IPC)
<b>Analytic Channels (NVR Based)</b>	Up to 2Ch DDA1 (Sterile Area/Line Crossing) or Up to 2Ch Face Detection + Recognition or Up to 6Ch Face Recognition (IPC does Detection) (or their combinations)
<b>Face Recognition Rate</b>	18 Faces per second (6Ch supported)
Bandwidth	
<b>Incoming</b>	80Mbps

<b>Outgoing</b>	80Mbps
<b>Record/ Main Stream</b>	
<b>Real-Time Recording</b>	8CH 12MP 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>	240FPS(NTSC)/200FPS(PAL)
<b>8MP</b>	240FPS(NTSC)/200FPS(PAL)
<b>5MP and lower</b>	240FPS(NTSC)/200FPS(PAL)
<b>Master stream over network</b>	Up to 12CH@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, LPR, Face Recognition, Time-Slice, Time, Event, POS
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## Backup

<b>USB</b>	2 USB 2.0 Port + 1 USB 3.0 Port
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<b>Backup Format</b>	AVI (Unencrypted) / Private Format (Encrypted / Unencrypted)
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## Alarm

<b>Alarm-in</b>	8+IPC
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<b>Alarm-out</b>	4+IPC
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## Storage

<b>HDD</b>	1
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<b>E-Sata Support</b>	No
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<b>RAID</b>	N/A
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## PTZ

<b>Connection</b>	via Network
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<b>Supported Controls</b>	Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
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<b>RS-485</b>	Yes (C06 Keyboard Connection)
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## Network

<b>Ethernet</b>	1000/100/10Mbps self-adaptive Ethernet interface
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<b>Protocols</b>	TCP/IPV4/IPV6, DHCP, DDNS, NTP, SMTP, SSL/TLS, UPnP, P2P, RTSP, FTP, HTTPS, 820.1X, SNMP, Auto Report (Ossia VMS)
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<b>ONVIF</b>	Full Device Support (Profile T/G, ONVIF Version 20.12)
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## PoE

<b>PoE Ports</b>	8xRJ45
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<b>Speed</b>	10/100Mbps (10Mbps under CCTV Mode)
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<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>	80W (Average 10W per Channel)
<b>Max. Power Output (Per Ch.)</b>	N/A
<b>Others</b>	
<b>Power Supply</b>	DC 48V/2.5A
<b>Power consumption (No HDD)</b>	20W
<b>Dimension</b>	W300xD250xH50mm
<b>Operation Temperature</b>	0°C~50°C