

## NVR

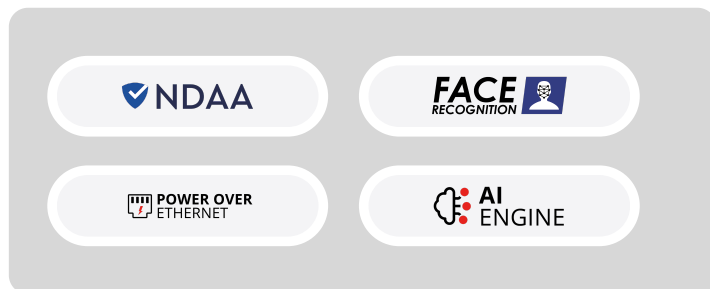
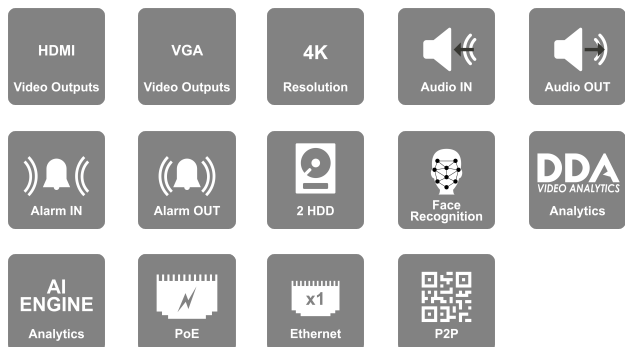
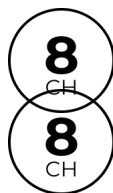
Provision-ISR NVRs seamlessly integrate with IP cameras, ensuring efficient video storage and playback via network connections. These versatile devices offer flexibility in system design, eliminating the need for direct IP camera connections and simplifying wiring. Offering Face Recognition and Advanced Video Analytics (DDA™), select models feature alarm inputs and Check Point Quantum IoT Nano agent for enhanced security.



# 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.



## MAIN FEATURES

- NVR12-8200PFAN 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.265/H.264 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 8MP real-time 12MP – 20FPS
- FPS: 12MP 160 FPS (PAL/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 8TB each) USB Port:
- 2 USB 2.0 Port + 1 USB 3.0 Port Network:
- 1 x RJ-45: 10/100Mbps Each



## SPECIFICATIONS

3rd Party Cyber Protection	
General	N/A
Protection Methods	N/A
NDAA Compliant	
NDAA Compliant	Yes
Video	
Video Input	8Ch over Network
Output	HDMI (4K@60Hz, 4K@30Hz, 1080P), VGA (1080P, 1280x1024, 1024x768)
View Mode	Mirrored
Fish-Eye Dewarp	Local + Web
Decoding Format	H.265 / H.265+ / H.265S / H.264
Decoding Capabilities	1Ch - 12MP ; 4Ch - 2MP ; 8CH - D1
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, Face Recognition, LPR, Thermal. Advanced Face Recognition Mode: Supports up to 2 Non-AI IPCs and performs face detection and recognition.
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 + Recognition or Up to 6Ch Face Recognition (or their combinations)
Face Recognition Rate	18 Faces per second (6Ch supported)
Bandwidth	
Incoming	80Mbps
Outgoing	80Mbps

Record/ Main Stream	
<b>Real-Time Recording</b>	8CH 8MP real-time 12MP – 20FPS
<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>	160FPS(PAL/NTSC)
<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
Substream	
<b>Resolution substream</b>	Depends on IPC
Remote view	
<b>Max Channel View</b>	40Ch (Limited to outgoing Bandwidth Capacity)
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)
<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, Face Recognition, Time-Slice, Time, Event, POS
Backup	

<b>USB</b>	2 USB 2.0 Port + 1 USB 3.0 Port
<b>Backup Format</b>	AVI (Unencrypted) / Private Format (Encrypted / Unencrypted)
<b>Alarm</b>	
<b>Alarm-in</b>	8+IPC
<b>Alarm-out</b>	4+IPC
<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>	Yes (C06 Keyboard Connection)
<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, FTP, 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>	IEEE802.3AF/AT
<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

# NVR12-8200PFAN

Others	
<b>Power Supply</b>	12VDC/2A
<b>Power consumption (No HDD)</b>	20W
<b>Dimension</b>	W300xD250xH50mm
<b>Operation Temperature</b>	0°C~50°C