

NVR12-8200PFAN

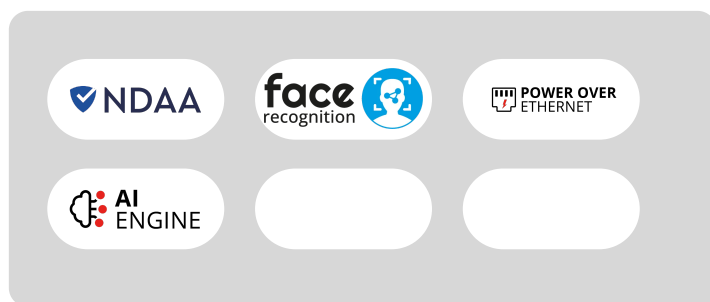
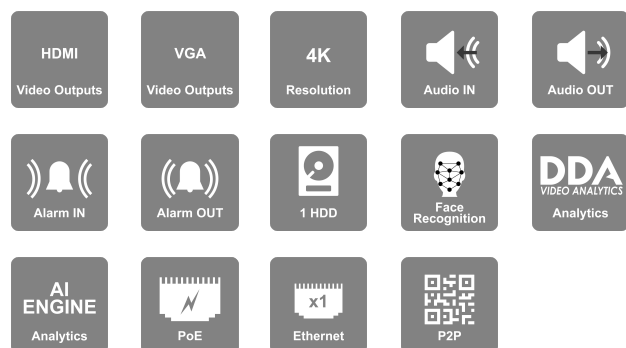
8CH 12MP NDAA-compliant Face Recognition NVR with Alarms

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
CH

CHECK
POINT
EMBEDDED

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, 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, 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 | |
|--------------------------------|--|
| 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@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 – 4MP ; 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 (IPC does Detection) (or their combinations) |
| Face Recognition Rate | 18 Faces per second (6Ch supported) |
| Bandwidth | |
| Incoming | 80Mbps |

| | |
|-----------------------------------|---|
| Outgoing | 80Mbps |
| Record/ Main Stream | |
| Real-Time Recording | 8CH 12MP Real-Time |
| Record Type | Video / Video + Audio |
| Recording Modes | Schedule, Manual, Motion, Sensor, Analytics, POS and all of its combinations |
| 16MP | N/A |
| 12MP | 240FPS(NTSC)/200FPS(PAL) |
| 8MP | 240FPS(NTSC)/200FPS(PAL) |
| 5MP and lower | 240FPS(NTSC)/200FPS(PAL) |
| Master stream over network | Up to 12CH@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. (All Limited to 4Ch Live View / Playback) *P2P WEB connetion always demands Plugin |
| Plug-in based Web-Browser | Internet Exporer |
| Playback | |
| Local | 8Ch |
| Remote | 8Ch |

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

Backup

| | |
|----------------------|--|
| USB | 2 USB 2.0 Port + 1 USB 3.0 Port |
| Backup Format | AVI (Unencrypted) / Private Format (Encrypted / Unencrypted) |

Alarm

| | |
|------------------|-------|
| Alarm-in | 8+IPC |
| Alarm-out | 4+IPC |

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 | Yes (C06 Keyboard Connection) |

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) |

NVR12-8200PFAN



| | |
|-----------------------------|---------------------------------------|
| CCTV Mode | Yes (Up to 200m and 10Mbps bandwidth) |
| Total Power | 80W (Average 10W per Channel) |
| Max. Power Output (Per Ch.) | N/A |
| Others | |
| Power Supply | DC 48V/2.5A |
| Power consumption (No HDD) | 20W |
| Dimension | W300xD250xH50mm |
| Operation Temperature | 0°C~50°C |