

NVR12-8200PFAN

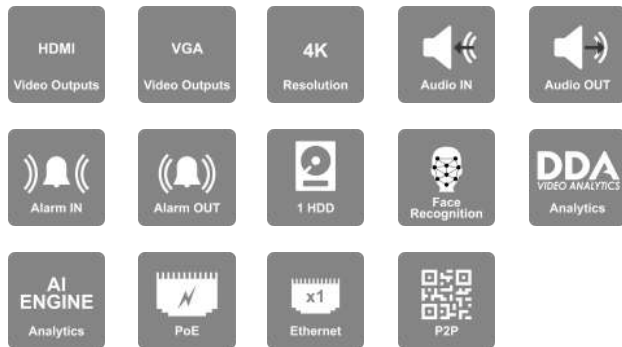
8CH 12MP NDAA-compliant Face Recognition NVR with Alarms

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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CHECK
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EMBEDDED

12
MP



MAIN FEATURES

- NVR12-8200PFAN Video Input:
 - 8 Channels (PoE) Video Output:
 - HDMI – 4K
 - VGA 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) Network:
 - 1 x RJ-45: 10/100/1000Mbps PTZ/Keyboard:
 - Network PTZ Support
 - 1 x RS-485 Keyboard Support Power Supply:
 - DC 48V/2.5A Analytics: AI by IPC:
 - All Analytics Supported by the camera AI By NVR:
 - Up to 2Ch DDA1 (Sterile Area/Line Crossing) or
 - Up to 2Ch Face Detection + Recognition or
 - Up to 6Ch Face Recognition Based on FW Version: v1.4.10
- Features 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 (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)
Plug-in based Web-Browser	Internet Explorer
Playback	
Local	8Ch
Remote	8Ch

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

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

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

HDD	1
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E-Sata Support	No
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RAID	N/A
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PTZ

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

Ethernet	1000/100/10Mbps self-adaptive Ethernet interface
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Protocols	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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ONVIF	Full Device Support (Profile T/G, ONVIF Version 20.12)
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PoE

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