

NVR12-32800FAN(1U)

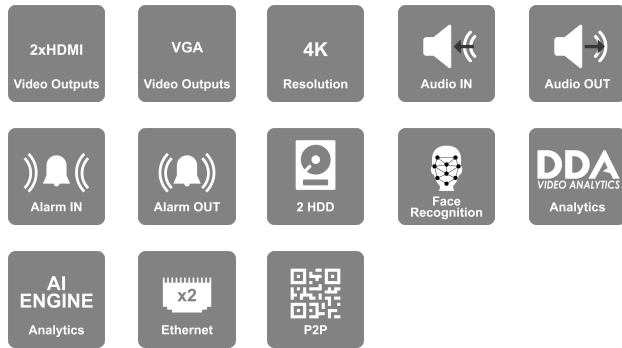
32CH 12MP NDAA-compliant Face Recognition NVR with Alarms

Provision-ISR NVR12-32800FAN(1U) is a high-performance network video recorder supporting Face Recognition and Advanced Video Analytics (DDA). The device, suitable for big-sized installations (up to 32 channels), features 8 alarm inputs + 4 alarm outputs. It complies with NDAA demands and has a Check Point Quantum IoT Nano agent integrated into this model. It provides an advanced threat prevention layer against the common attack vectors at runtime.

32
CH

CHECK POINT
EMBEDDED

12
MP



MAIN FEATURES

Video:

- Input: 32 Channel Support
- 32 Channel Standard Connection (Via RJ-45 Network Port)
- Output: HDMI1 (4K 30/60Hz, 1080P, 1280×1024, 1024×768), HDMI2 + VGA (1080P, 1280×1024, 1024×768)

Bandwidth:

- Incoming: 320Mbps
- Outgoing: 256Mbps

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 IPC and performs face detection and recognition.

Recording:

- 32CH 12MP Real-Time
- FPS: 800 (PAL) / 960 (NTSC)

Playback:

- Local: 16Ch Simultaneously
- Remote: 16Ch Simultaneously

Audio:

- Input: 1CH + IPC Inputs
- Output: 1CH + IPC Output
- 2 Way Audio

Alarm:

- Input: 8+IPC
- Output: 4+IPC

Storage:

- 2 x SATA (Up to 10TB each)

USB Port:

- 2 USB 2.0 Port + 1 USB 3.0 Port

Network:

- 2 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	32Ch over Network
Output	HDMI1 (4K 30/60Hz, 1080P, 1280x1024, 1024x768), HDMI2 + VGA (1080P, 1280x1024, 1024x768)
View Mode	Independent*, Up to 32ch on monitor1 + 9ch on monitor2
Fish-Eye Dewarp	Local + Web
Decoding Format	H.265 / H.265+ / H.265S / H.264
Decoding Capabilities	1Ch - 12MP ; 4Ch - 4MP ; 9-32Ch - 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	3
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 IPC and performs face detection and recognition.
Analytics Channels (IPC Based)	32Ch (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	320Mbps

NVR12-32800FAN(1U)

Outgoing	256Mbps
Record/ Main Stream	
Real-Time Recording	32CH 12MP Real-Time
Record Type	Video / Video + Audio
Recording Modes	Schedule, Manual, Motion, Sensor, Analytics, POS, and all combinations
16MP	N/A
12MP	960FPS(NTSC)/800FPS(PAL)
8MP	960FPS(NTSC)/800FPS(PAL)
5MP and lower	960FPS(NTSC)/800FPS(PAL)
Master stream over network	Up to 32CH@Recording resolution
Substream	
Resolution substream	Depends on IPC
Remote view	
Max Channel View	160Ch (Limited to Outgoing Bandwidth Capacity)
Remote Applications	
User Access	128 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 connection always requires Plugin
Plug-in based Web-Browser	Internet Explorer
Playback	
Local	16Ch
Remote	16Ch

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	2
------------	---

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	2x1000/100/10Mbps 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	N/A
------------------	-----

Speed	N/A
--------------	-----

Standard	N/A
-----------------	-----

NVR12-32800FAN(1U)

CCTV Mode	N/A
Total Power	N/A
Max. Power Output (Per Ch.)	N/A
Others	
Power Supply	DC12V/4A
Power consumption (No HDD)	20W
Dimension	380 × 268 × 48.1 mm
Operation Temperature	0°C~50°C