

# NVR12-32800FAN(1U)

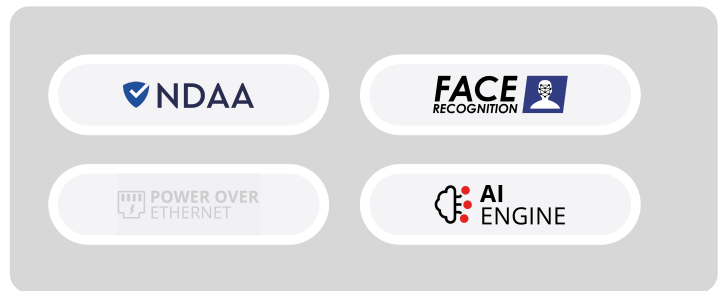
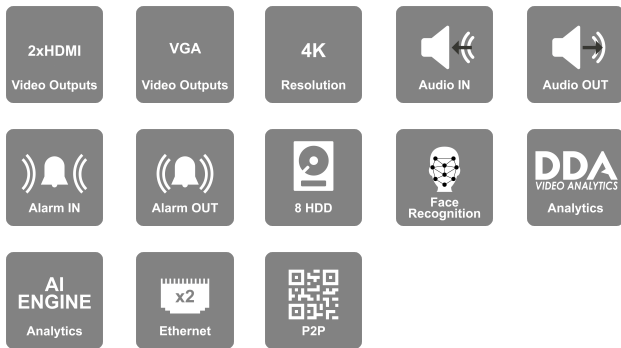
## 32CH 12MP NDAA-compliant Face Recognition NVR with Alarms

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 Check Point Quantum IoT Nano agent is 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

- NVR12-32800FAN(1U) Video Input:
- 32 Channels Video Output:
- 2 x HDMI (4K+FHD)
- VGA 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) Network:
- 2 x RJ-45: 10/100/1000Mbps PTZ/Keyboard:
- Network PTZ Support
- 1 x RS-485 Keyboard Support Power Supply:
- DC12V/4A 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 FW Version: v1.4.10 \*Features subject to firmware version changes.



<https://provision-isr.com>

## 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>	32Ch over Network
<b>Output</b>	HDMI1 (4K 30/60Hz, 1080P, 1280x1024, 1024x768), HDMI2 + VGA (1080P, 1280x1024, 1024x768)
<b>View Mode</b>	Independent*, Up to 32ch on monitor1 + 9ch on monitor2
<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 - 2MP ; 9-32Ch - 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 IPC and performs face detection and recognition.
<b>Analytics Channels (IPC Based)</b>	32Ch (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 (or their combinations)
<b>Face Recognition Rate</b>	18 Faces per second (6Ch supported)
Bandwidth	
<b>Incoming</b>	192Mbps
<b>Outgoing</b>	192Mbps

Record/ Main Stream	
<b>Real-Time Recording</b>	32CH 12MP Real-Time
<b>Record Type</b>	Video / Video + Audio
<b>Recording Modes</b>	Schedule, Manual, Motion, Sensor, Analytics, POS, and all combinations
<b>16MP</b>	N/A
<b>12MP</b>	960FPS(NTSC)/800FPS(PAL)
<b>8MP</b>	960FPS(NTSC)/800FPS(PAL)
<b>5MP and lower</b>	960FPS(NTSC)/800FPS(PAL)
<b>Master stream over network</b>	Up to 32CH@Recording resolution
Substream	
<b>Resolution substream</b>	Depends on IPC
Remote view	
<b>Max Channel View</b>	160Ch (Limited to Outgoing Bandwidth Capacity)
Remote Applications	
<b>User Access</b>	128 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>	16Ch
<b>Remote</b>	16Ch
<b>Search Mode</b>	DDA Object, Smart Search, LPR, Face Recognition, Time-Slice, Time, Event, POS
Backup	

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<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>	2
<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>	2x1000/100/10Mbps 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>	N/A
<b>Speed</b>	N/A
<b>Standard</b>	N/A
<b>CCTV Mode</b>	N/A
<b>Total Power</b>	N/A
<b>Max. Power Output (Per Ch.)</b>	N/A

# NVR12-32800FAN(1U)

Others	
<b>Power Supply</b>	DC12V/4A
<b>Power consumption (No HDD)</b>	20W
<b>Dimension</b>	380 × 268 × 48.1 mm
<b>Operation Temperature</b>	0°C~50°C