

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.



NVR12-32800FAN(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.



2xHDMI Video Outputs	VGA Video Outputs	4K Resolution	Audio IN	Audio OUT
Alarm IN	Alarm OUT	8 HDD	Face Recognition	DDA VIDEO ANALYTICS Analytics
AI ENGINE Analytics	x2 Ethernet	P2P		

NDAA	FACE RECOGNITION
POWER OVER ETHERNET	AI ENGINE

MAIN FEATURES

- NVR12-32800FAN(1U) 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: 192Mbps
- Outgoing: 192Mbps 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 IPC and performs face detection and recognition. Recording:
- 32CH 8MP Real-Time 12MP – 20FPS
- FPS: 12MP 640 FPS (PAL/NTSC) Playback:

- Local: 16Ch Simultaneously
- Remote: 32Ch on IE, 4Ch on H5 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 8TB each) USB Port:
- 2 USB 2.0 Port + 1 USB 3.0 Port Network:
- 1 x RJ-45: 10/100/1000Mbps Each



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 - 2MP ; 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	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 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 (or their combinations)
Face Recognition Rate	18 Faces per second (6Ch supported)
Bandwidth	
Incoming	192Mbps
Outgoing	192Mbps

Record/ Main Stream	
Real-Time Recording	32CH 8MP Real-Time 12MP – 20FPS
Record Type	Video / Video + Audio
Recording Modes	Schedule, Manual, Motion, Sensor, Analytics, POS, and all combinations
16MP	N/A
12MP	640FPS(PAL/NTSC)
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)
Plug-in based Web-Browser	Internet Explorer
Playback	
Local	16Ch
Remote	32Ch on IE, 4Ch on H5
Search Mode	DDA Object, Smart Search, LPR, Face Recognition, Time-Slice, Time, Event, POS
Backup	

NVR12-32800FAN(1U)

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
CCTV Mode	N/A
Total Power	N/A
Max. Power Output (Per Ch.)	N/A

NVR12-32800FAN(1U)

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