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.

PROVISION ISR®

PROTECTING YOUR PRIVACY

NVR12-32800FN-16P(2U)

32CH 12MP NDAA-compliant Face Recognition PoE NVR with alarms

Provision-ISR NVR12-32800FN-16P(2U) is a high-performance network video recorder with an integrated 16-channel PoE switch for high-definition surveillance. The device features 16 alarm inputs + 4 alarm outputs and supports Face Recognition and Advanced Video Analitycs (DDA). This easy-to-install solution is suitable for big-sized installations (up to 32 channels). It also 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

HDMI
Video Outputs

VGA
Video Outputs

4K
Resolution

Audio IN

Audio OUT

Alarm IN

Alarm OUT

1 HDD

Face Recognition

NVR12-32800FN-16P(2U)

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 (out of which up to 16Ch PoE Direct Connection)
Output	HDMI (4K@60Hz, 4K@30Hz, 1080P), 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

NVR12-32800FN-16P(2U)

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 of its 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 Autorithy 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 Exporer

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	

NVR12-32800FN-16P(2U)

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

Alarm	
Alarm-in	16+IPC
Alarm-out	4+IPC

Storage	
HDD	8
E-Sata Support	1
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	16xRJ45
Speed	10/100Mbps (10Mbps Under CCTV Mode)
Standard	PoE (IEEE802.3AF)
CCTV Mode	Yes (Up to 200m and 10Mbps bandwidth)
Total Power	150W (Avarage 9.3W per Channel)
Max. Power Output (Per Ch.)	~15W*

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Others	
Power Supply	AC100-240V
Power consumption (No HDD)	30W
Dimension	W445xD436xH90mm
Operation Temperature	0°C~50°C