NVR SERIES

Provision-ISR conventional NVRs are intended for obtaining video streams from IP cameras via the network for storage and subsequent playback. These devices communicate with the IP cameras through the general network without the need for a direct IP camera connection, providing the installer with the highest flexibility in the design of the system and the wiring.
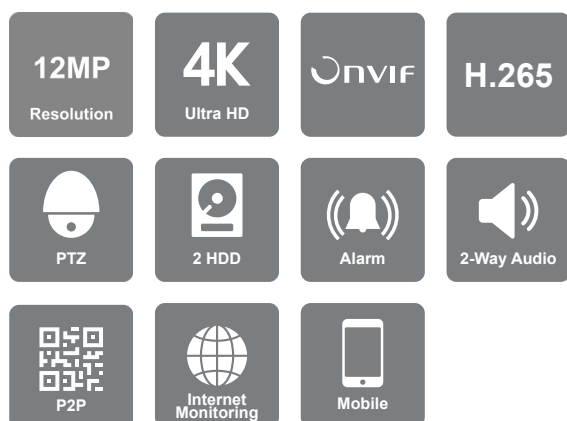
PROVISION ISR ®
PROTECTING YOUR PRIVACY

NVR12-16400FAN(1U)

16CH 12MP NDAA-COMPLIANT FACE RECOGNITION NVR WITH ALARMS

Provision-ISR's NVR12-16400FAN(1U) is a high-performance network video recorder supporting Face Recognition and advanced Video Analytics (DDA).

The device, suitable for small-sized installations (up to 16 channels), features 8 alarm inputs + 8 alarm outputs and provides you with everything you need for a trouble-free CCTV project.

This model complies with NDAA demands and ensures that your devices are cyber-protected round the clock with the integrated Check Point Quantum IoT Nano agent that provides an advanced threat prevention layer against the common attack vectors at runtime.

12MP Resolution	**4K** Ultra HD	ONVIF	**H.265**
PTZ	2 HDD	Alarm	2-Way Audio
P2P	Internet Monitoring	Mobile	

Ossia VMS · DDA 2nd GENERATION · LPR LICENCE PLATE RECOGNITION · FACE RECOGNITION · NDAA Compliance · CHECK POINT EMBEDDED

MAIN FEATURES

- Channels: 16 over Network
- Video output: HDMI (4K,1080P) VGA (1280X1024)
- Max. Recording: 16CH 12MP 20FPS, 16CH 8MP Real Time
- HDD: 2 SATA (16 TB Max)
- Alarms: 8 in / 4 out (+ IPC inputs/outputs)
- Audio: 1 in / 1 out (+ IPC inputs/outputs)
- VIdeo Analytics: Yes (Must be supported by IPC)
- DDA, Face recognition, LPR and Fish-Eye support

IP TECHNOLOGY
SMART SOLUTIONS THROUGH THE NETWORK

www.provision-isr.com

NVR12-16400FAN(1U)

PROVISION ISR®
PROTECTING YOUR PRIVACY

SPECIFICATIONS

Category		Specification
Cyber Protection	General	Quantum IoT Nano agent by Check Point™
	Protection Methods	Shell injection protection, File Monitor, Import-Table Protection, Dynamic-Memory Protection
Video	Input	16Ch over Network
	Output	HDMI (4K@60Hz, 4K@30Hz, 1080P), VGA (1080P, 1280x1024, 1024x768)
	View Mode	Mirrored
	Decoding Format	H.265 / H.265+ / H.265S / H.264
	Fish-Eye Dewarp	Yes
	Decoding Capabilities	1Ch - 12MP ; 4Ch - 2MP
Audio	Input	1CH RCA (Linear, 1kΩ) + IPC inputs
	Output	1CH RCA (2.0 Vp-p, 1 kΩ) + IPC outputs
	Compression	G.711A/G.711U
	Two-Way Audio	Yes
Analytics	Analytics Channels	16Ch (Requires supporting IPC)
	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(Limited Support). Advanced Face Recognition Mode: Supports 2 Non-AI IPCs and performs face detection and recognition.
	Face Recognition Rate	180 Faces per minute (All Channels) / 3 Faces per second (Single Channel)
Bandwidth	Incoming	160Mbps
	Outgoing	160Mbps
Record / Remote App / Record/ Main Stream	Real-Time Recording	16CH 8MP real time 12MP - 20FPS
	Record Type	Video / Video + Audio
	12MP	160FPS (NTSC)/160FPS (PAL)
	8MP	240FPS (NTSC)/200FPS (PAL)
	5MP and lower	240FPS (NTSC)/200FPS (PAL)
	Master stream over network	Up to 12CH@Recording Resolution

NVR12-16400FAN(1U)

SPECIFICATIONS

Record / Remote App	Sub Stream	Resolution	Depends on IPC
		Sub-Streams over Network	80Ch (Limited to outgoing Bandwidth Capacity)
	General	Recording Modes	Schedule, Manual, Motion, Sensor, Analytics, POS and all of its combinations
		User Access	64 Users online with Professional Autorithy Management
	Remote Applications	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 Playback	16Ch
		Remote Playback (Web, App, VMS)	16Ch on IE, 4Ch on H5
		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	Input	8+IPC
		Output	4+IPC
	Storage	HDD	2
		E-SATA	No
		Max Capacity	16TB
		RAID	N/A

NVR12-16400FAN(1U)

SPECIFICATIONS

PTZ	Connection	via Network
	Supported Controls	Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
	RS-485	Yes (C06 Keyboard Connection)
Network	Ethernet	10/100Mbps 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	Ports	N/A
	Speed	N/A
	Standard	N/A
	CCTV Mode	N/A
	Total Power	N/A
	Max. Power Output (Per Ch.)	N/A
Others	Power Supply	12VDC/4A
	Power consumption (No HDD)	20W
	Dimension	380 × 268 × 48.1 mm
	Operation Temperature	0-50C