

## NVR SERIES

Provision-ISR PoE NVRs feature built-in PoE switch meant for use with PoE based IP cameras.

Having a built-in switch allows for easy connection and configuration of IP cameras in a NVR system.

Simply run one CAT5e/6 cable from the camera to the NVR, and it will provide power to the camera while streaming video/audio/data all over one single cable.



*Now you can see!*

# NVR8-16400PFA(1U)

## 16CH 8MP FACE RECOGNITION POE NVR WITH ALARMS

Provision-ISR NVR8-16400PFA(1U) is a high performance network video recorder with integrated PoE switch for high-definition surveillance.

The device features 8 alarm inputs + 4 alarm outputs and supports both Face Recognition and Advanced Video Analytics (DDA).

This easy-to-install solution is suitable for mid-sized installations (up to 16 channels) and provides you with everything you need for a trouble-free CCTV project.



## MAIN FEATURES

- Channels: 16 over Network / PoE
- Video output: HDMI (4K, 1080P) VGA (1280X1024)
- Max. Recording: 16CH 8MP Real Time
- HDD: 2 SATA (8TB each) with Smart Management
- Alarms: 8 in-4 out (+ Depends on Camera)
- Audio: 1 In / 1 Out (+ IPC Inputs/Outputs)
- Video Analytics: Yes (Must be supported by IPC)
- DDA, Face recognition, LPR and Fish-Eye support



## SPECIFICATIONS

	Input	16Ch Over Network / PoE Direct Connection
	Output	HDMI (4K@60Hz, 4K@30Hz, 1080P), VGA (1080P, 1280x1024, 1024x768)
Video	View Mode	Mirrored
	Decoding Format	H.265 / H.265+ / H.265S / H.264
	Decoding Capabilities	1Ch - 8MP ; 4Ch - 2x8MP + 2x5MP ; 9/16Ch - 1MP
	Input	1CH RCA (Linear, 1kΩ) + IPC Inputs
Audio	Output	1CH RCA (2.0 Vp-p, 1 kΩ) + IPC Inputs
	Compression	G.711A/G.711U
	Two Way Audio	Yes
	Analytics Channels	16Ch (Requires supporting IPC)
Analytics	Supported Analytics	Camera Tampering, Line Crossing (DDA / Pixel Based), Sterile Area (DDA / Pixel Based), Object Monitoring, Object Counting (DDA), Crowd Gathering, People Intrusion, Smart Search, Face Recognition, LPR
	Face Recognition Rate	180 Faces per minute (All Channels) / 3 Faces per second (Single Channel)
Bandwidth	Incoming	160Mbps
	Outgoing	160Mbps
	Real-Time Recording	16CH 8MP Real-Time
Record / Remote App Record/ Main Stream	Record Type	Video / Video + Audio
	8MP	480FPS (NTSC)/400FPS (PAL)
	5MP and lower	480FPS (NTSC)/400FPS (PAL)
	Master stream over network	Up to 16CH@Recording Resolution

## SPECIFICATIONS

Sub Stream	Resolution	Depends on IPC
	Sub-Streams over Network	Up to Outgoing Bandwidth Capacity
General	Recording Modes	Schedule, Manual, Motion, Sensor, Analytics, POS and all of its combinations
	User Access	10 Users Online with Professional Authority Management
Record / Remote App	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 Playback	16Ch
	Remote Playback (Web, App, VMS)	16Ch
Backup	Search Mode	DDA Object, Smart Search, LPR, Face Recognition, Time-Slice, Time, Event, POS
	USB	1 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	None
	Max Capacity	16TB (Up to 8TB Each)
	RAID	N/A

## SPECIFICATIONS

PTZ	Connection	Via Network
	Supported Controls	Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
	RS-485	Yes (C06 Keyboard Connection)
Network	Ethernet	1000/100/10Mbps 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)
	Ports	16xRJ45
PoE	Speed	10/100Mbps (10Mbps Under CCTV Mode)
	Standard	PoE (IEEE802.3AF)
	CCTV Mode	Yes (Up to 200m and 10Mbps bandwidth)
	Total Power	150W (Average 14.25W Per Channel)
	Max. Power Output (Per Ch.)	~14W*
	Power Supply	48V/3.75A
	Power consumption (No HDD)	15W
Others	Dimension	W375xD275xH50mm
	Operation Temperature	0-50C

\*Max power output will be reduced depending on cable quality and distance.