

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.



NVR8-32800F-16P(2U)

32CH 8MP FACE RECOGNITION POE NVR WITH ALARMS

Provision-ISR NVR8-32800F-16P(2U) is a high performance network video recorder with integrated 16 channel PoE switch for high-definition surveillance.

The device features 16 alarm inputs + 1 alarm outputs and supports both Face Recognition and Advanced Video Analytics (DDA).

This easy-to-install solution is suitable for big-sized installations (up to 32 channels) and provides you with everything you need for a trouble-free CCTV project.



MAIN FEATURES

- Channels: 32 over Network (16 PoE)
- Video output: HDMI (4K,1080P) VGA (1280X1024)
- Max. Recording: 32CH 8MP Real Time
- HDD: 8 SATA (8TB each) with Smart Management, 1 E-SATA Port
- Alarms: 16 In / 1 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



SPECIFICATIONS

	Input	32Ch Over Network (Out of which up to 16Ch PoE Direct Connection)
	Output	HDMI (4K@60Hz, 4K@30Hz, 1080P), VGA (1080P, 1280x1024, 1024x768)
Video	View Mode	Independent
	Decoding Format	H.265 / H.265+ / H.265S / H.264
	Decoding Capabilities	1Ch - 8MP ; 4Ch - 2x8MP + 2x5MP ; 9/16Ch - 1MP ; 32Ch - D1
	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	32Ch (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	256Mbps
	Outgoing	256Mbps
	Real-Time Recording	32CH 8MP Real-Time
Record / Remote App Record/ Main Stream	Record Type	Video / Video + Audio
	8MP	960FPS (NTSC)/800FPS (PAL)
	5MP and lower	960FPS (NTSC)/800FPS (PAL)
	Master stream over network	Up to 32CH@Recording Resolution

SPECIFICATIONS

Record / Remote App	Sub Stream	Resolution	Depends on IPC
	Sub Stream	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	20 Users Online with Professional Authority 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 Explorer
	Playback	Local Playback	16Ch
		Remote Playback (Web, App, VMS)	32Ch
Search Mode		DDA Object, Smart Search, LPR, Face Recognition, Time-Slice, Time, Event, POS	
Backup	USB	1 USB 2.0 Port + 1 USB 3.0 Port	
	Backup Format	AVI (Unencrypted) / Private Format (Encrypted / Unencrypted)	
Alarm	Input	16+IPC	
	Output	1+IPC	
Storage	HDD	8	
	E-SATA	1	
	Max Capacity	64TB (Up to 8TB Each) External: Up to 8TB	
	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	240W (Average 15W Per Channel)
	Max. Power Output (Per Ch.)	~15W*
	Power Supply	AC100-240V
	Power consumption (No HDD)	15W
Others	Dimension	W430xD445xH97mm
	Operation Temperature	0-50C

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