

## 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.



# NVR12-8200PFAN

## 8CH 12MP NDAA-COMPLIANT FACE RECOGNITION NVR WITH ALARMS

Provision-ISR's NVR12-8200PFAN is a high-performance network video recorder with an integrated 8-channel PoE switch for high-definition surveillance. supporting Face Recognition and advanced Video Analytics (DDA).

The device, suitable for small-sized installations (up to 8 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.



### MAIN FEATURES

- Channels: 8 over Network / PoE
- Video output: HDMI (4K,1080P) VGA (1280X1024)
- Max. Recording: 8CH 12MP 20FPS, 8CH 8MP Real Time
- HDD: 1 SATA (8 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



## SPECIFICATIONS

	Input	8Ch over Network
	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 - 12MP ; 4Ch - 2MP ; 8CH - D1
	Input	1CH + IPC Inputs
Audio	Output	1CH + IPC Output
	Compression	G.711A/G.711U
	Two Way Audio	Yes
	Analytics Channels	8Ch (Requires supporting IPC)
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.
	Face Recognition Rate	180 Faces per minute (All Channels) / 3 Faces per second (Single Channel)
Bandwidth	Incoming	80Mbps
	Outgoing	80Mbps
	Real-Time Recording	8CH 8MP real time 12MP - 20FPS
Record / Remote App Record / Main Stream	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

## SPECIFICATIONS

Sub Stream	Resolution	Depends on IPC
	Sub-Streams over Network	40Ch (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 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	8Ch
	Remote Playback (Web, App, VMS)	8Ch
Backup	Search Mode	DDA Object, Smart Search, LPR, Face Recognition, Time-Slice, Time, Event, POS
	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	1
	E-SATA	None
	Max Capacity	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	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)
	Ports	8xRJ45
	Speed	10/100Mbps (10Mbps under CCTV Mode)
PoE	Standard	IEEE802.3AF/AT
	CCTV Mode	Yes (Up to 200m and 10Mbps bandwidth)
	Total Power	80W (Average 10W per Channel)
	Max. Power Output (Per Ch.)	N/A
	Power Supply	12VDC/2A
Others	Power consumption (No HDD)	20W
	Dimension	W300xD250xH50mm
	Operation Temperature	0-50C