

NVR SERIES

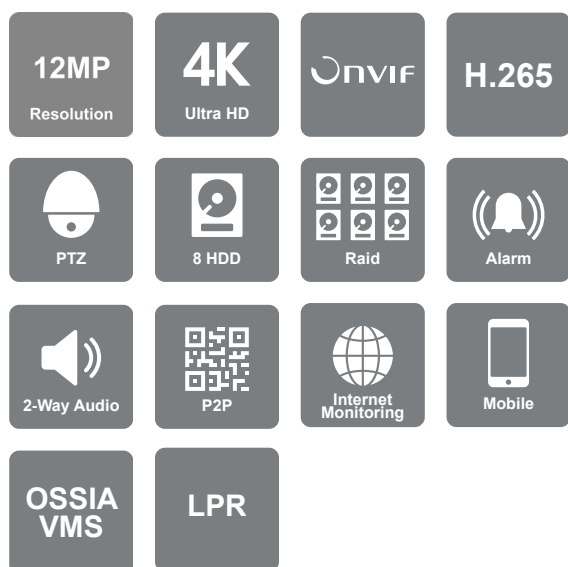
Provision-ISR conventional NVRs are intended for obtaining video streams from IP cameras via the network for storage and subsequent playback. These devices communicate with the IP cameras through the general network without the need for a direct IP camera connection, providing the installer with the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



NVR12-32800RFAN(2U)

32CH 12MP FACE RECOGNITION NVR WITH ALARMS, RAID SUPPORT, AND NDA COMPLIANCE

Provision-ISR NVR12-32800RFAN(2U) is a high-performance network video recorder supporting Face Recognition and Advanced Video Analytics (DDA). The device, suitable for big-sized installations (up to 32 channels), features 16 alarm inputs + 4 alarm outputs and provides you with everything you need for a trouble-free CCTV project. All hardware components, including RAID, are validated to meet the demands for reliable high-definition surveillance.



MAIN FEATURES

- Channels: 32 over Network
- Video output: HDMI1 (4K, 1080P, 1280X1024), HDMI2+VGA (1080P, 1280X1024) 32CH per monitor
- Max. Recording: 32CH 12MP 20FPS, 32CH 8MP real-time
- HDD: 8 SATA (10TB each) with Smart Management
- RAID Support
- Alarms: 16 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



NVR12-32800RFAN(2U)



SPECIFICATIONS

	Input	32Ch over Network
	Output	HDMI1 (4K 30/60Hz, 1080P, 1280x1024), HDMI2 + VGA (1280x1024, 1080P)
Video	View Mode	Independent, Up to 32ch on monitor1 + 9ch on monitor2 *Under Advanced Face Recognition Mode: Up to 24ch on monitor1
	Decoding Format	H.265 / H.265+ / H.265S / H.264
	Decoding Capabilities	1Ch - 12MP ; 4Ch - 2MP ; 9-32Ch - D1
Audio	Input	1CH RCA (Linear, 1kΩ) + IPC inputs
	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. 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	160Mbps
	Outgoing	160Mbps
	Real-Time Recording	32CH 8MP real-time 12MP - 20FPS
Record / Remote App Record/ Main Stream	Record Type	Video / Video + Audio
	12MP	640FPS (NTSC)/640FPS (PAL)
	8MP	960FPS (NTSC)/800FPS (PAL)
	5MP and lower	960FPS (NTSC)/800FPS (PAL)
	Master stream over network	Up to 32CH@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 combinations
	User Access	128 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 on IE, 4Ch on H5
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	16+IPC
	Output	4+IPC
Storage	HDD	8
	E-SATA	2
	Max Capacity	80TB (Up to 10TB Each) External: Up to 10TB
	RAID	Yes (0/1/5/6/10)

NVR12-32800RFAN(2U)

SPECIFICATIONS

	Connection	via Network
PTZ	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 with Fault Tolerance / Dual Network Configuration
	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	N/A
	Speed	N/A
PoE	Standard	N/A
	CCTV Mode	N/A
	Total Power	N/A
	Max. Power Output (Per Ch.)	N/A
	Power Supply	AC100/240V
Others	Power consumption (No HDD)	30W
	Dimension	W445xD436xH90mm
	Operation Temperature	0~50°C

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