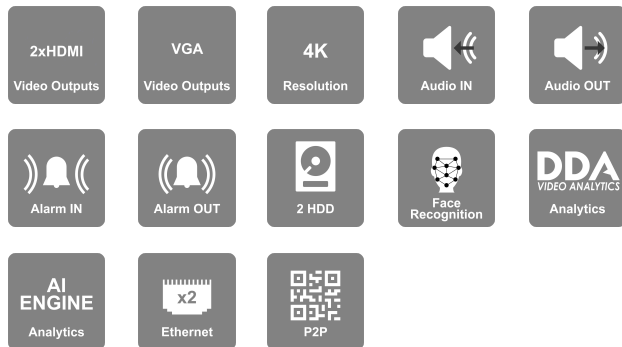# NVR8-32800FA(1U)

32CH 8MP Face Recognition NVR with Alarms

Provision-ISR NVR8-32800FA(1U) is a high-performance network video recorder supporting Face Recognition and Advanced Video Analitycs (DDA). The device, suitable for big-sized installations (up to 32 channels), features 8 alarm inputs + 4 alarm outputs and provides everything you need for a trouble-free CCTV project.

2xHDMI Video Outputs	VGA Video Outputs	4K Resolution	Audio IN	Audio OUT
Alarm IN	Alarm OUT	2 HDD	Face Recognition	DDA VIDEO ANALYTICS Analytics
AI ENGINE Analytics	x2 Ethernet	P2P		

MAIN FEATURES

Video:
- Input: 32 Channel Support
- 32 Channel Standard Connection (Via RJ-45 Network Port)
- Output: HDMI1 (4K 30/60Hz, 1080P, 1280×1024, 1024×768), HDMI2 + VGA (1080P, 1280×1024, 1024×768)

Bandwidth:
- Incoming: 192Mbps
- Outgoing: 192Mbps

Decoding Support:
- H.265S/H.265+/H.265/H264

Analytics:
- Camera Tampering, DDA2 With Object Classification, Line Crossing (DDA / Pixel Based), Sterile Area (DDA / Pixel Based), Object Monitoring, Object Counting (DDA), Crowd Gathering, Smart Search, LPR, Loitering Detection, Illegal Parking, Audio Exception
- Advanced Face Recognition Mode: Supports up to 2 Non-AI IPC and performs face detection and recognition.

Recording:
- 32CH 8MP Real-Time
- FPS: 800 (PAL) / 960 (NTSC)

Playback:
- Local: 16Ch Simultaneously
- Remote: 16Ch Simultaneously

Audio:
- Input: 1CH + IPC Inputs
- Output: 1CH + IPC Output
- 2 Way Audio

Alarm:
- Input: 8+IPC
- Output: 4+IPC

Storage:
- 2 x SATA (Up to 10TB each)

USB Port:
- 2 USB 2.0 Port + 1 USB 3.0 Port

Network:
- 2 x RJ-45: 10/100/1000Mbps Each

Remarks:
- The following features are based on firmware v1.4.10_70999 and are subject to firmware version changes.

https://provision-isr.com

PROVISION ISR
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SPECIFICATIONS

3rd Party Cyber Protection	
General	N/A
Protection Methods	N/A

NDAA Compliant	
NDAA Compliant	No

Video	
Video Input	32Ch over Network
Output	HDMI1 (4K 30/60Hz, 1080P, 1280x1024, 1024x768), HDMI2 + VGA (1080P, 1280x1024, 1024x768)
View Mode	Independent*, Up to 32ch on monitor1 + 4ch on monitor2 (When enabled, NVR based analytics are disabled)
Fish-Eye Dewarp	Local + Web
Decoding Format	H.265 / H.265+ / H.265S / H.264
Decoding Capabilities	1Ch – 8MP ; 4Ch – 2x8MP + 2x5MP ; 9/16Ch – 1MP ; 32Ch – D1

Audio	
Audio-specs-Input	1CH RCA (Linear, 1kΩ) + IPC Inputs
audio-specs-Output	1CH RCA (2.0 Vp-p, 1 kΩ) + IPC Outputs
Compression	G.711A/G.711U
Two Way Audio	Yes

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, Smart Search, LPR, Loitering Detection, Illegal Parking, Audio Exception Advanced Face Recognition Mode: Supports up to 2 Non-AI IPC and performs face detection and recognition.
Analytics Channels (IPC Based)	32Ch (Requires supporting IPC)
Analytic Channels (NVR Based)	Up to 2Ch Face Recognition (From non AI IPC)
Face Recognition Rate	180 Faces per minute (All Channels) / 3 Faces per second (Single Channel)

Bandwidth	
Incoming	192Mbps

NVR8-32800FA(1U)

Outgoing	192Mbps
Record/ Main Stream	
Real-Time Recording	32CH 8MP Real-Time
Record Type	Video / Video + Audio
Recording Modes	Schedule, Manual, Motion, Sensor, Analytics, POS and all combinations
16MP	N/A
12MP	N/A
8MP	960FPS(NTSC)/800FPS(PAL)
5MP and lower	960FPS(NTSC)/800FPS(PAL)
Master stream over network	Up to 32CH@Recording Resolution
Substream	
Resolution substream	Depends on IPC
Remote view	
Max Channel View	160Ch (Limited to Outgoing Bandwidth Capacity)
Remote Applications	
User Access	20 Users Online with Professional Autorithy Management
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) *P2P WEB connetion always requires Plugin
Plug-in based Web-Browser	Internet Exporer
Playback	
Local	16Ch
Remote	16Ch

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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	
Alarm-in	8+IPC
Alarm-out	4+IPC

Storage	
HDD	2
E-Sata Support	No
RAID	N/A

PTZ	
Connection	Via Network
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)

PoE	
PoE Ports	N/A
Speed	N/A
Standard	N/A

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CCTV Mode	N/A
Total Power	N/A
Max. Power Output (Per Ch.)	N/A

Others	
Power Supply	DC12V/4A
Power consumption (No HDD)	15W
Dimension	W375xD275xH50mm
Operation Temperature	0°C~50°C