

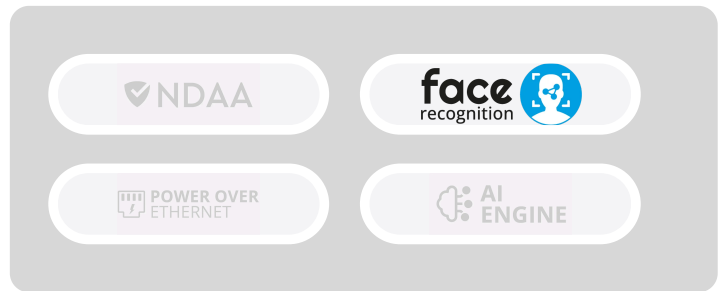
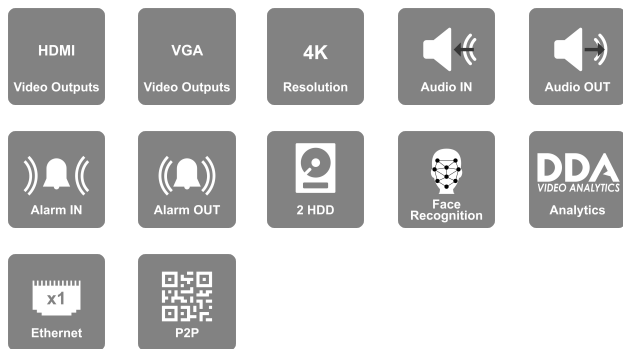
NVR8-16400FA(1U)

16CH 8MP Face Recognition NVR with alarms

Provision-ISR NVR8-16400FA(1U) is a high performance network video recorder supporting both Face Recognition and Advanced Video Analytics (DDA). The device, suitable for mid-sized installations (up to 16 channels), features 8 alarm inputs + 4 alarm outputs and provides you with everything you need for a trouble-free CCTV project.

16
CH

8
MP



MAIN FEATURES

Video:

- Input: 16 Channel Support
- 16 Channel Standard Connection (Via RJ-45 Network Port)
- Output: HDMI (4K@60Hz, 4K@30Hz, 1080P), VGA (1080P, 1280×1024, 1024×768)

Bandwidth:

- Incoming: 160Mbps
- Outgoing: 160Mbps

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:

- 16CH 8MP Real-Time
- FPS: 400 (PAL) / 480 (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:

- 1 USB 2.0 Port + 1 USB 3.0 Port

Network:

- 1 x RJ-45: 10/100/1000Mbps Each

Remarks:

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



SPECIFICATIONS

3rd Party Cyber Protection	
General	N/A
Protection Methods	N/A
NDAA Compliant	
NDAA Compliant	No
Video	
Video Input	16Ch Over Network
Output	HDMI (4K@60Hz, 4K@30Hz, 1080P), VGA (1080P, 1280x1024, 1024x768)
View Mode	Mirrored
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
Audio	
Audio-specs-Input	1CH RCA (Linear, 1k Ω) + IPC Inputs
audio-specs-Output	1CH RCA (2.0 Vp-p, 1 k Ω) + 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)	16Ch (Requires supporting IPC)
Analytic Channels (NVR Based)	N/A
Face Recognition Rate	180 Faces per minute (All Channels) / 3 Faces per second (Single Channel)
Bandwidth	
Incoming	160Mbps

Outgoing	160Mbps
Record/ Main Stream	
Real-Time Recording	16CH 8MP Real-Time
Record Type	Video / Video + Audio
Recording Modes	Schedule, Manual, Motion, Sensor, Analytics, POS and all of its combinations
16MP	N/A
12MP	N/A
8MP	480FPS(NTSC)/400FPS(PAL)
5MP and lower	480FPS(NTSC)/400FPS(PAL)
Master stream over network	Up to 16CH@Recording Resolution
Substream	
Resolution substream	Depends on IPC
Remote view	
Max Channel View	80Ch (Limited to Outgoing Bandwidth Capacity)
Remote Applications	
User Access	10 Users Online with Professional Authority 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)
Plug-in based Web-Browser	Internet Explorer
Playback	
Local	16Ch
Remote	16Ch

Search Mode	DDA Object, Smart Search, LPR, Face Recognition, Time-Slice, Time, Event, POS
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Backup

USB	1 USB 2.0 Port + 1 USB 3.0 Port
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Backup Format	AVI (Unencrypted) / Private Format (Encrypted / Unencrypted)
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Alarm

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

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

Connection	Via Network
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Supported Controls	Pan, Tilt, Zoom, Preset, Cruise, Scan, Iris, Focus
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RS-485	Yes (C06 Keyboard Connection)
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Network

Ethernet	1000/100/10Mbps self-adaptive Ethernet interface
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Protocols	TCP/IPv4/IPv6, DHCP, DDNS, NTP, SMTP, SSL/TLS, UPnP, P2P, RTSP, FTP, HTTPS, 820.1X, SNMP, Auto Report (Ossia VMS)
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ONVIF	Full Device Support (Profile T/G, ONVIF Version 20.12)
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PoE

PoE Ports	N/A
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Speed	N/A
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Standard	N/A
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NVR8-16400FA(1U)

CCTV Mode	N/A
Total Power	N/A
Max. Power Output (Per Ch.)	N/A
Others	
Power Supply	DC12V/4A
Power consumption (No HDD)	5W
Dimension	W375xD275xH50mm
Operation Temperature	0°C~50°C