PROVISION ISR
PROTECTING YOUR PRIVACY

NVR8-8200FA

8CH 8MP Face Recognition NVR with alarms

Provision-ISR NVR8-8200FA is a high performance network video recorder supporting both Face Recognition and Advanced Video Analitycs (DDA). The device, suitable for small-sized installations (up to 8 channels), features 8 alarm inputs + 4 alarm outputs and provides you with everything you need for a trouble-free CCTV project.

8 CH

8 MP

HDMI Video Outputs | VGA Video Outputs | 4K Resolution | Audio IN | Audio OUT

Alarm IN | Alarm OUT | 1 HDD | Face Recognition | DDA VIDEO ANALYTICS Analytics

x1 Ethernet | P2P

NDAA | face recognition | POWER OVER ETHERNET | AI ENGINE

MAIN FEATURES

Video:
- Input: 8 Channel Support
- 8 Channel Standard Connection (Via RJ-45 Network Port)
- Output: HDMI (4K@60Hz, 4K@30Hz, 1080P), VGA (1080P, 1280×1024, 1024×768)

Bandwidth:
- Incoming: 80Mbps
- Outgoing: 80Mbps

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:
- 8CH 8MP Real-Time
- FPS: 200 (PAL) / 240 (NTSC)

Playback:
- Local: 8Ch Simultaneously
- Remote: 8Ch Simultaneously

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

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

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

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

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

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

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SPECIFICATIONS

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

NDAA Compliant	
NDAA Compliant	No

Video	
Video Input	8Ch 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 ; 9Ch – 1MP

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)	8Ch (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	80Mbps

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Outgoing	80Mbps
Record/ Main Stream	
Real-Time Recording	8CH 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	240FPS(NTSC)/200FPS(PAL)
5MP and lower	240FPS(NTSC)/200FPS(PAL)
Master stream over network	Up to 12CH@Recording Resolution
Substream	
Resolution substream	Depends on IPC
Remote view	
Max Channel View	40Ch (Limited to Outgoing Bandwidth Capacity)
Remote Applications	
User Access	10 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	8Ch
Remote	8Ch

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

Storage	
HDD	1
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	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)

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	12VDC/2A
Power consumption (No HDD)	10W
Dimension	W300xD250xH50mm
Operation Temperature	0°C~50°C

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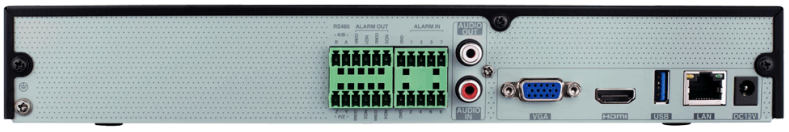
DIMENSIONS