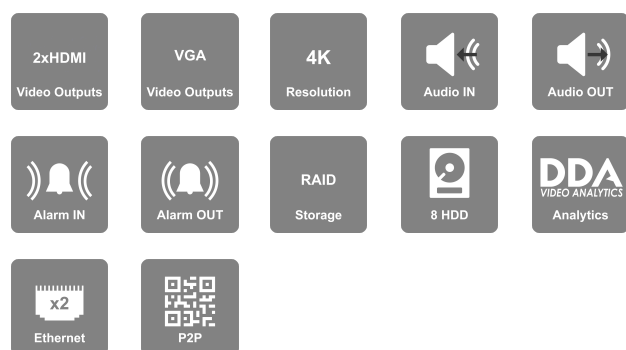# NVR8-641600R(2U)

64CH 8MP NVR with alarms and RAID

Provision-ISR NVR8-641600R(2U) is an easy-to-install solution suitable for big-sized installations (up to 64 channels). The device features 8 alarm inputs + 4 alarm outputs and provides you with everything you need for a trouble-free CCTV project. All hardware components, including the Raid, are validated to meet the demands for reliable high-definition surveillance.

64 CH

8 MP

2xHDMI Video Outputs	VGA Video Outputs	4K Resolution	Audio IN	Audio OUT
Alarm IN	Alarm OUT	RAID Storage	8 HDD	DDA VIDEO ANALYTICS Analytics
x2 Ethernet	P2P			

- NDAA
- face detection
- POWER OVER ETHERNET
- AI ENGINE

MAIN FEATURES

Video:
- Input: 64 Channel Support
- 64 Channel Standard Connection (Via RJ-45 Network Port)
- Output: HDMI1 (4K 30/60Hz, 1080P1280x1024), HDMI2 + VGA (1280×1024, 1080P)

Bandwidth:
- Incoming: 320Mbps
- Outgoing: 320Mbps

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

Recording:
- 64CH 8MP Real-Time
- FPS: 1600 (PAL) / 1920 (NTSC)

Playback:
- Local: 16Ch Simultaneously
- Remote: 32Ch Simultaneously

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

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

Storage:
- 8 x SATA (Up to 10TB each)
- 2 x E-SATA (Up to 10TB each)
- RAID: (0/1/5/6/10) Support

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.

NVR8-641600R(2U)

SPECIFICATIONS

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

NDAA Compliant	
NDAA Compliant	No

Video	
Video Input	64Ch Over Network
Output	HDMI1 (4K 30/60Hz, 1080P1280x1024), HDMI2 + VGA (1280x1024, 1080P)
View Mode	Independent*, Up to 32ch Per Monitor (When enabled, NVR based analytics are disabled)
Fish-Eye Dewarp	Web Only
Decoding Format	H.265 / H.265+ / H.265S / H.264
Decoding Capabilities	1Ch – 8MP ; 4Ch – 2x8MP + 2x5MP ; 9/16Ch – 1MP ; 32Ch – 20x1MP + 12xD1 ; 64Ch – 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
Analytics Channels (IPC Based)	64Ch (Requires supporting IPC)
Analytic Channels (NVR Based)	N/A
Face Recognition Rate	N/A

Bandwidth	
Incoming	320Mbps

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Outgoing	320Mbps
Record/ Main Stream	
Real-Time Recording	64CH 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	1920FPS(NTSC)/1600FPS(PAL)
5MP and lower	1920FPS(NTSC)/1600FPS(PAL)
Master stream over network	Up to 64CH@Recording Resolution
Substream	
Resolution substream	Depends on IPC
Remote view	
Max Channel View	320Ch (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)
Plug-in based Web-Browser	Internet Exporer
Playback	
Local	16Ch
Remote	32Ch

PROVISION ISR
PROTECTING YOUR PRIVACY

Search Mode	DDA Object, Smart Search, LPR, 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	8
E-Sata Support	2
RAID	Yes (0/1/5/6/10)

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

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

Others	
Power Supply	AC100-240V
Power consumption (No HDD)	15W
Dimension	W430xD445xH97mm
Operation Temperature	0°C~50°C

DIMENSIONS