

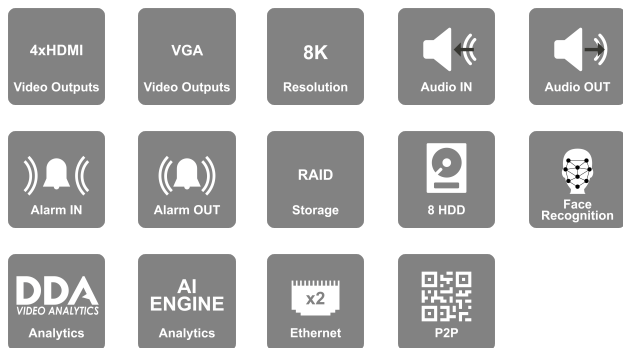
# NVR16-641600RFAN(2U)

## 64CH 16MP NVR, NDAA-compliant, Face Recognition with Alarms and RAID

Provision-ISR NVR16-641600RFAN(2U) is an easy-to-install solution suitable for big-sized installations (up to 64 channels). The device features 16 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. This model complies with NDAA demands and ensures that your devices are cyber-protected round the clock with the integrated Check Point Quantum IoT Nano agent that provides an advanced threat prevention layer against the common attack vectors at runtime.

**64**  
CH

**16**  
MP



### MAIN FEATURES

- NVR16-641600RFAN(2U) Video Input:
- 64 Channels Video Output:
- 4 x HDMI – (8K+4K+FHD)
- VGA Recording:
- 64CH 16MP Real-Time
- FPS: 1600 (PAL) / 1920 (NTSC) Playback:
- Local: 16Ch Simultaneously
- Remote: 16Ch Simultaneously Audio:
- Input: 1CH + IPC Inputs
- Output: 1CH + IPC Output
- 2 Way Audio Alarm:
- Input: 16+IPC
- Output: 4+IPC
- Storage:
- 8 x SATA (Up to 8TB each)
- 2 x E-SATA (Up to 8TB each)
- RAID: (0/1/5/6/10) Support Network:
- 2 x RJ-45: 10/100/1000Mbps PTZ/Keyboard:
- Network PTZ Support
- 1 x RS-485 Keyboard Support Power Supply:
- AC100-240V Analytics: AI by IPC:
- All Analytics Supported by the camera AI By NVR:
- Up to 8Ch DDA1 (Sterile Area/Line Crossing) or
- Up to 4Ch Face Detection + Recognition or
- Up to 16Ch Face Recognition FW Version: v1.4.7 \*Features subject to firmware version changes.

## SPECIFICATIONS

3rd Party Cyber Protection	
General	N/A
Protection Methods	N/A
NDAA Compliant	
NDAA Compliant	Yes
Video	
Video Input	64Ch Over Network
Output	HDMI1 (8K 30/60Hz, 4K, 1080P, 1280x1024) (When the resolution of HDMI1 output is 8K, HDMI2 is unavailable) HDMI2: 4K, 1080P, 1280x1024, 1024x768 HDMI3: 4K, 1080P, 1280x1024, 1024x768 HDMI4: 1080P, 1280x1024, 1024x768 VGA: 1080P 1280x1024, 1024x768 (VGA and HDMI1 output the same video source)
View Mode	Independent*, Up to 32ch Per Monitor (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 - 16MP ; 4Ch - 12MP ; 9/16Ch - 1MP ; 32Ch - D1 ; 64Ch - D1
Audio	
Audio-specs-Input	1CH RCA (Linear, 1k $\Omega$ ) + IPC Inputs
audio-specs-Output	1CH RCA (2.0 Vp-p, 1 k $\Omega$ ) + 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, People Intrusion, Smart Search, Face Recognition (Up to 16 CH), LPR, Thermal (Limited Support). Advanced Face Recognition Mode: Supports 4 Non-AI IPCs and performs face detection and recognition.
Analytics Channels (IPC Based)	64Ch (Requires supporting IPC)
Analytic Channels (NVR Based)	Up to 8Ch DDA1 (Sterile Area/Line Crossing) or Up to 4Ch Face Detection + Recognition or Up to 16Ch Face Recognition (or their combinations)
Face Recognition Rate	36 Faces per second (16Ch supported)

Bandwidth	
Incoming	640Mbps
Outgoing	640Mbps

Record/ Main Stream	
Real-Time Recording	64CH 16MP Real-Time
Record Type	Video / Video + Audio
Recording Modes	Schedule, Manual, Motion, Sensor, Analytics, POS and all of its combinations
16MP	1920FPS(NTSC)/1600FPS(PAL)
12MP	1920FPS(NTSC)/1600FPS(PAL)
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	128 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

<b>Search Mode</b>	DDA Object, Smart Search, LPR, Time-Slice, Time, Event, POS
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## Backup

<b>USB</b>	2 USB 2.0 Port + 1 USB 3.0 Port
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<b>Backup Format</b>	AVI (Unencrypted) / Private Format (Encrypted / Unencrypted)
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## Alarm

<b>Alarm-in</b>	16+IPC
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<b>Alarm-out</b>	4+IPC
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## Storage

<b>HDD</b>	8
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<b>E-Sata Support</b>	2
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<b>RAID</b>	Yes (0/1/5/6/10)
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## PTZ

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

<b>Ethernet</b>	2x1000/100/10Mbps self-adaptive Ethernet interface with Fault Tolerance / Dual Network Configuration
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<b>Protocols</b>	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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<b>ONVIF</b>	Full Device Support (Profile T/G, ONVIF Version 20.12)
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## PoE

<b>PoE Ports</b>	N/A
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<b>Speed</b>	N/A
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<b>Standard</b>	N/A
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<b>CCTV Mode</b>	N/A
<b>Total Power</b>	N/A
<b>Max. Power Output (Per Ch.)</b>	N/A
<b>Others</b>	
<b>Power Supply</b>	AC100-240V
<b>Power consumption (No HDD)</b>	50W
<b>Dimension</b>	W436xD445xH90mm
<b>Operation Temperature</b>	0°C~50°C

## Accessoires



S300 6TB PRO



S300 8TB PRO



S300 10TB PRO

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