

# NVR12-32800RFAN(2U)

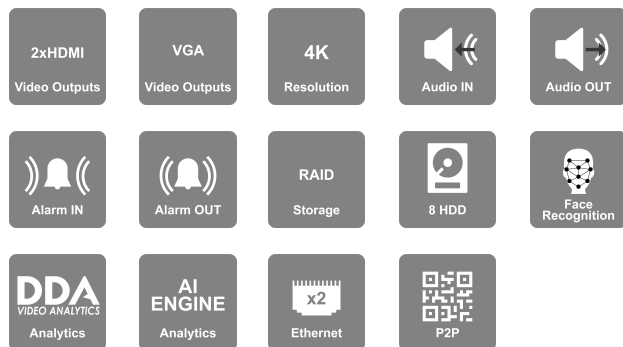
## 32CH 12MP Face Recognition NVR with alarms, RAID support, and NDAA compliance

Provision-ISR NVR12-32800RFAN(2U) is a high-performance network video recorder supporting Face Recognition and Advanced Video Analytics (DDA). The device, suitable for big-sized installations (up to 32 channels), features 16 alarm inputs + 4 alarm outputs and provides you with everything you need for a trouble-free CCTV project. All hardware components, including 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.

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CH

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## MAIN FEATURES

### Video:

- Input: 32 Channel Support
- 32 Channel Standard Connection (Via RJ-45 Network Port)
- Output: HDMI1 (4K 30/60Hz, 1080P, 1280x1024), HDMI2 + VGA (1280x1024, 1080P)

### Bandwidth:

- Incoming: 320Mbps
- Outgoing: 256Mbps

### 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, People Intrusion, Smart Search, Face Recognition, LPR, Thermal.
- Advanced Face Recognition Mode: Supports 2 Non-AI IPCs and performs face detection and recognition.

### Recording:

- 32CH 12MP 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: 16+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 v1.4.1.0.70155 and are subject to firmware version changes.



## SPECIFICATIONS

3rd Party Cyber Protection	
<b>General</b>	Quantum IoT Nano agent by Check Point™
<b>Protection Methods</b>	Shell injection protection, File Monitor, Import-Table Protection, Dynamic-Memory Protection
NDAA Compliant	
<b>NDAA Compliant</b>	Yes
Video	
<b>Video Input</b>	32Ch over Network
<b>Output</b>	HDMI1 (4K 30/60Hz, 1080P, 1280x1024), HDMI2 + VGA (1280x1024, 1080P)
<b>View Mode</b>	Independent*, Up to 32ch on monitor1 + 9ch on monitor2
<b>Fish-Eye Dewarp</b>	Local + Web
<b>Decoding Format</b>	H.265 / H.265+ / H.265S / H.264
<b>Decoding Capabilities</b>	1Ch - 12MP ; 4Ch - 4MP ; 9-32Ch - D1
Audio	
<b>Audio-specs-Input</b>	1CH RCA (Linear, 1kΩ) + IPC inputs
<b>audio-specs-Output</b>	1CH RCA (2.0 Vp-p, 1 kΩ) + IPC Outputs
<b>Compression</b>	G.711A/G.711U
<b>Two Way Audio</b>	Yes
Analytics	
<b>Supported Analytics</b>	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, LPR, Thermal. Advanced Face Recognition Mode: Supports 2 Non-AI IPCs and performs face detection and recognition.
<b>Analytics Channels (IPC Based)</b>	32Ch (requires supporting IPC)
<b>Analytic Channels (NVR Based)</b>	Up to 2Ch DDA1 (Sterile Area/Line Crossing) or Up to 2Ch Face Detection + Recognition or Up to 6Ch Face Recognition (IPC does Detection) (or their combinations)
<b>Face Recognition Rate</b>	18 Faces per second (6Ch supported)
Bandwidth	
<b>Incoming</b>	320Mbps

<b>Outgoing</b>	256Mbps
<b>Record/ Main Stream</b>	
<b>Real-Time Recording</b>	32CH 12MP Real-Time
<b>Record Type</b>	Video / Video + Audio
<b>Recording Modes</b>	Schedule, Manual, Motion, Sensor, Analytics, POS, and all of its combinations
<b>16MP</b>	N/A
<b>12MP</b>	960FPS(NTSC)/800FPS(PAL)
<b>8MP</b>	960FPS(NTSC)/800FPS(PAL)
<b>5MP and lower</b>	960FPS(NTSC)/800FPS(PAL)
<b>Master stream over network</b>	Up to 32CH@Recording Resolution
<b>Substream</b>	
<b>Resolution substream</b>	Depends on IPC
<b>Remote view</b>	
<b>Max Channel View</b>	160Ch (Limited to Outgoing Bandwidth Capacity)
<b>Remote Applications</b>	
<b>User Access</b>	128 Users online with Professional Authority Management
<b>Mobile App</b>	Provision Cam2 for iOS/Android
<b>PC/Mac Software</b>	Ossia VMS Standard / Enterprise
<b>Plug-in free Web-Browser</b>	Chrome, FireFox, Safari, Edge, Opera. (All Limited to 4Ch Live View / Playback)
<b>Plug-in based Web-Browser</b>	Internet Explorer
<b>Playback</b>	
<b>Local</b>	16Ch
<b>Remote</b>	16Ch

<b>Search Mode</b>	DDA Object, Smart Search, LPR, Face Recognition, 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>	30W
<b>Dimension</b>	W445xD436xH90mm
<b>Operation Temperature</b>	0°C~50°C

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## DIMENSIONS

