

NVR

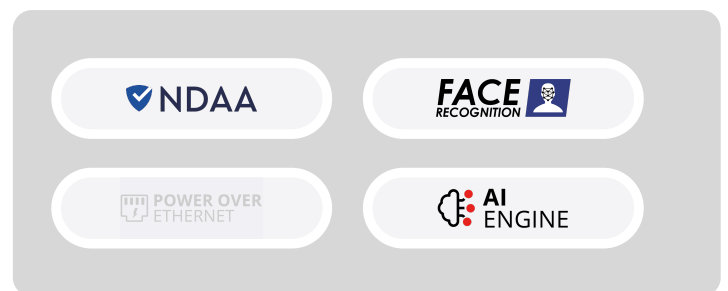
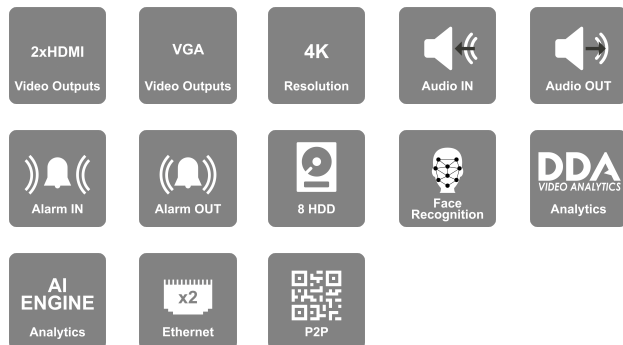
Provision-ISR NVRs seamlessly integrate with IP cameras, ensuring efficient video storage and playback via network connections. These versatile devices offer flexibility in system design, eliminating the need for direct IP camera connections and simplifying wiring. Offering Face Recognition and Advanced Video Analytics (DDA™), select models feature alarm inputs and Check Point Quantum IoT Nano agent for enhanced security.



NVR12-32800FAN(1U)

32CH 12MP NDAA-compliant Face Recognition NVR with Alarms

Provision-ISR NVR12-32800FAN(1U) 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 8 alarm inputs + 4 alarm outputs. It complies with NDAA demands Check Point Quantum IoT Nano agent is integrated into this model. It provides an advanced threat prevention layer against the common attack vectors at runtime.



MAIN FEATURES

- NVR12-32800FAN(1U) Video:
- Input: 32 Channel Support 32 Channel Standard Connection (Via RJ-45 Network Port)
- Output: HDMI1 (4K 30/60Hz, 1080P, 1280×1024, 1024×768), HDMI2 + VGA (1080P, 1280×1024, 1024×768) Bandwidth:
- Incoming: 192Mbps
- Outgoing: 192Mbps Decoding Support:
- H.265/H.264 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 up to 2 Non-AI IPC and performs face detection and recognition. Recording:
- 32CH 8MP Real-Time 12MP – 20FPS
- FPS: 12MP 640 FPS (PAL/NTSC) Playback:
- Local: 16Ch Simultaneously
- Remote: 32Ch on IE, 4Ch on H5 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 8TB each) USB Port:
- 2 USB 2.0 Port + 1 USB 3.0 Port Network:
- 1 x RJ-45: 10/100/1000Mbps Each



<https://provision-isr.com>

SPECIFICATIONS

| 3rd Party Cyber Protection | |
|--------------------------------|---|
| General | Quantum IoT Nano agent by Check Point™ |
| Protection Methods | Shell injection protection, File Monitor, Import-Table Protection, Dynamic-Memory Protection |
| NDAA Compliant | |
| NDAA Compliant | Yes |
| Video | |
| Video Input | 32Ch over Network |
| Output | HDMI1 (4K 30/60Hz, 1080P, 1280x1024, 1024x768), HDMI2 + VGA (1080P, 1280x1024, 1024x768) |
| View Mode | Independent*, Up to 32ch on monitor1 + 9ch on monitor2 |
| Fish-Eye Dewarp | Local + Web |
| Decoding Format | H.265 / H.265+ / H.265S / H.264 |
| Decoding Capabilities | 1Ch – 12MP ; 4Ch – 2MP ; 9-32Ch – 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, People Intrusion, Smart Search, Face Recognition, LPR, Thermal. Advanced Face Recognition Mode: Supports up to 2 Non-AI IPC and performs face detection and recognition. |
| Analytics Channels (IPC Based) | 32Ch (requires supporting IPC) |
| Analytic Channels (NVR Based) | Up to 2Ch DDA1 (Sterile Area/Line Crossing) or Up to 2Ch Face Detection + Recognition or Up to 6Ch Face Recognition (or their combinations) |
| Face Recognition Rate | 18 Faces per second (6Ch supported) |
| Bandwidth | |
| Incoming | 192Mbps |
| Outgoing | 192Mbps |

| Record/ Main Stream | |
|----------------------------|---|
| Real-Time Recording | 32CH 8MP Real-Time 12MP – 20FPS |
| Record Type | Video / Video + Audio |
| Recording Modes | Schedule, Manual, Motion, Sensor, Analytics, POS, and all combinations |
| 16MP | N/A |
| 12MP | 640FPS(PAL/NTSC) |
| 8MP | 960FPS(NTSC)/800FPS(PAL) |
| 5MP and lower | 960FPS(NTSC)/800FPS(PAL) |
| Master stream over network | Up to 32CH@Recording resolution |
| Substream | |
| Resolution substream | Depends on IPC |
| Remote view | |
| Max Channel View | 160Ch (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 | 32Ch on IE, 4Ch on H5 |
| Search Mode | DDA Object, Smart Search, LPR, Face Recognition, Time-Slice, Time, Event, POS |
| Backup | |

NVR12-32800FAN(1U)

| | |
|----------------------|--|
| 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 | 2 |
| 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 | 2x1000/100/10Mbps 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 |
| CCTV Mode | N/A |
| Total Power | N/A |
| Max. Power Output (Per Ch.) | N/A |

NVR12-32800FAN(1U)



| Others | |
|----------------------------|---------------------|
| Power Supply | DC12V/4A |
| Power consumption (No HDD) | 20W |
| Dimension | 380 × 268 × 48.1 mm |
| Operation Temperature | 0°C~50°C |