

NVR SERIES

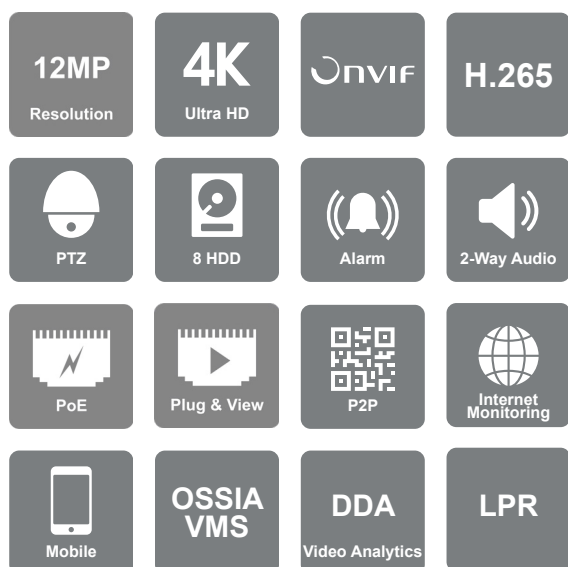
Provision-ISR conventional NVRs are intended for obtaining video streams from IP cameras via the network for storage and subsequent playback. These devices communicate with the IP cameras through the general network without a direct IP camera connection, providing the installer with the highest flexibility in the design of the system and the wiring.



NVR12-32800FN-16P(2U)

32CH 12MP NDAA-COMPLIANT FACE RECOGNITION POE NVR WITH ALARMS

Provision-ISR NVR12-32800FN-16P(2U) is a high-performance network video recorder with an integrated 16-channel PoE switch for high-definition surveillance. The device features 16 alarm inputs + 4 alarm outputs and supports Face Recognition and Advanced Video Analytics (DDA). This easy-to-install solution is suitable for big-sized installations (up to 32 channels) and provides everything you need for a trouble-free CCTV project.



MAIN FEATURES

- Channels: 32 over Network (16 PoE)
- Video output: HDMI1 (4K, 1080P, 1280X1024), HDMI2+VGA (1080P, 1280X1024) 32CH per monitor
- Max. Recording: 32CH 12MP 20FPS, 32CH 8MP real-time
- HDD: 8 SATA (10TB each) with Smart Management, 1 E-SATA Port
- Alarms: 16 in / 1 out (+ IPC inputs/outputs)
- Audio: 1 in / 1 out (+ IPC inputs/outputs)
- Video Analytics: Yes (must be supported by IPC)
- DDA, Face recognition, LPR, and Fish-Eye support



SPECIFICATIONS

| | | |
|--------------------------------------------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | Input | 32Ch over Network (out of which up to 16Ch PoE Direct Connection) |
| | Output | HDMI (4K@60Hz, 4K@30Hz, 1080P), VGA (1080P, 1280x1024, 1024x768) |
| Video | View Mode | Independent, Up to 32ch on monitor1 + 9ch on monitor2 *Under Advanced Face Recognition Mode: Up to 24ch on monitor1 |
| | Decoding Format | H.265 / H.265+ / H.265S / H.264 |
| | Decoding Capabilities | 1Ch - 12MP ; 4Ch - 2MP ; 9-32Ch - D1 |
| | Input | 1CH RCA (Linear, 1kΩ) + IPC inputs |
| Audio | Output | 1CH RCA (2.0 Vp-p, 1 kΩ) + IPC inputs |
| | Compression | G.711A/G.711U |
| | Two Way Audio | Yes |
| Analytics | Analytics Channels | 32Ch (requires supporting IPC) |
| | Supported Analytics | Camera Tampering, Line Crossing (DDA/Pixel Based), Sterile Area (DDA/Pixel Based), Object Monitoring, Object Counting (DDA), Crowd Gathering, People Intrusion, Smart Search, Face Recognition, LPR. Advanced Face Recognition Mode: Supports up to 2 Non-AI IPC and performs face detection and recognition. |
| | Face Recognition Rate | 180 Faces per minute (All Channels) / 3 Faces per second (Single Channel) |
| | Real-Time Recording | 32CH 8MP real-time 12MP - 20FPS |
| Bandwidth | Incoming | 192Mbps |
| | Outgoing | 192Mbps |
| Record / Remote App Record/ Main Stream | Record Type | Video / Video + Audio |
| | 12MP | 640FPS (NTSC)/640FPS (PAL) |
| | 8MP | 960FPS (NTSC)/800FPS (PAL) |
| | 5MP and lower | 960FPS (NTSC)/800FPS (PAL) |
| | Master stream over network | Up to 32CH@Recording resolution |

SPECIFICATIONS

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|---------------------|---------------------------------|----------------------------------------------------------------------------------|
| Sub Stream | Resolution | Depends on IPC |
| | Sub-Streams over Network | Up to Outgoing Bandwidth Capacity |
| General | Recording Modes | Schedule, Manual, Motion, Sensor, Analytics, POS and all combinations |
| | User Access | 128 Users online with Professional Authority Management |
| Record / Remote App | 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 Playback | 16Ch |
| | Remote Playback (Web, App, VMS) | 32Ch on IE, 4Ch on H5 |
| | 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 | Input | 16+IPC |
| | Output | 4+IPC |
| | HDD | 8 |
| Storage | E-SATA | 1 |
| | Max Capacity | 80TB (Up to 10TB Each) External: Up to 10TB |
| | RAID | N/A |

SPECIFICATIONS

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|---------|-----------------------------|-------------------------------------------------------------------------------------------------------------------|
| 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) |
| | Ports | 16xRJ45 |
| PoE | Speed | 10/100Mbps (10Mbps under CCTV mode) |
| | Standard | PoE (IEEE802.3AF) |
| | CCTV Mode | Yes (Up to 200m and 10Mbps bandwidth) |
| | Total Power | 150W (Average 9.3W per Channel) |
| | Max. Power Output (Per Ch.) | ~15W* |
| | Power Supply | AC100-240V |
| | Power consumption (No HDD) | 30W |
| Others | Dimension | W445xD436xH90mm |
| | Operation Temperature | 0°C~50°C |

*Max power output will be reduced depending on cable quality and distance.