



PN3A-8X8FNH

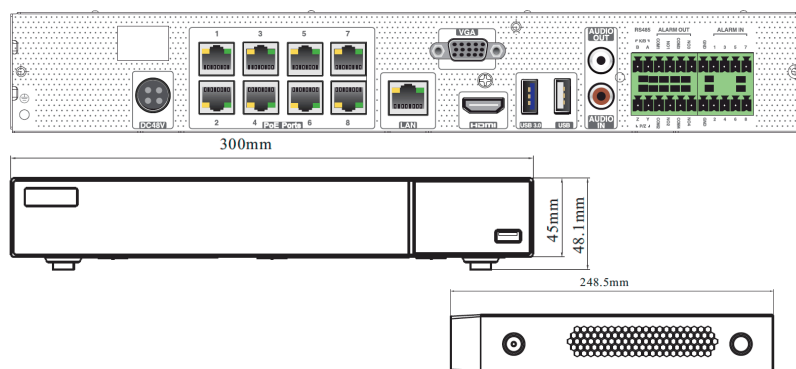
8 Ch NVR with 8 Plug & Play Ports, True Facial Recognition, 160 Mbps, 1 HD Bays, 4K

Features

- 8 Plug & Play Ports for easy camera setup PoE (Power Over Ethernet) available on all ports
- Up to 16 Megapixel Resolution Recording
- 160 Mbps Bit Rate Input
- Supports up to 8 channel simultaneous playback
- True Facial Recognition Capable with Compatible Camera
- Works with ONVIF or other supported IP cameras
- Multiple video search options including Analytic and Thumbnail Search for quick retrieval of footage
- H.265S/H.265+/H.265/H.264 Video Compression
- Local HDMI main monitor output with 4K Support
- Local VGA main monitor output up to 1080p
- True P2P Connectivity with QR Code Connect
- Free iOS & Android Apps for Smart Phones & Tablets
- Free Central Management Software(CMS) for PC/MAC
- NDAA Compliant

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|-----------------------|---|
| System | PN3A-8X8FNH |
| OS | Embedded Linux |
| Video | |
| Compression | H.265S/H.265+/H.265/H.264 |
| IP Video Input | 8CH IPC input |
| Resolution | 16MP/12MP/9MP/8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720/960H/D1/CIF |
| Network Bandwidth | 160Mbps/160Mbps (incoming/outgoing) *When the AI function of the IPC is enabled, the actual incoming bandwidth(max.bitrate) is more than the set value in the NVR. |
| Multi-screen Display | Main output: 1/4/6/8/9 (live view) AUX output: 1/4/6/8/9 (live view) Max. 8+8 CH local live view |
| Audio | |
| Network Input | 8 CH IPC audio input |
| 2-way Audio | RCA × 1 |
| Local Output | RCA × 1 |
| Compression | G.711(U/A) |
| Record | |
| Resolution | 16MP/12MP/9MP/8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF |
| Frame Rate | NTSC: 30fps; PAL: 25fps |
| Playback | |
| Simultaneous Playback | Max 8 CH |
| Search | Time slice / time / event / tag / smart search |
| Smart Search | Highlighted color to display the camera record in a certain period of time, different colors refers to different record events |
| Function | Play, pause, FF, FB, digital zoom, etc. |
| Decoding Capability | |
| Live View/Playback | Non-AI Mode:1×16MP@30fps/4×6MP@30fps/9×2MP@30fps/16×720P@30fps AI Mode: 1×16MP@30fps/4×5MP@30fps/9×2MP@30fps/16×720P@30fps |
| Alarm | |
| Mode | Manual, sensor, motion, exception, smart events, etc. |
| Input | 8 CH local alarm input |
| Output | 4 CH |
| Triggering | Record, snap, preset, e-mail, etc. |

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| Face | |
| Face Detection Performance (AI by IPC) | 8 CH (PAR-P2FACE/NH-AI Model) |
| Face Detection Performance (AI by Device ONVIF) | 2 CH (2MP by ONVIF) |
| Face Recognition Performance (for Non-True / Face Rec Cameras) | 6 CH (Total Channels NVR can compute for Facial Recognition) |
| Comparison Capability | 18 pictures / second |
| Face Picture Database | 32 libraries 10000 Face Pictures |
| Face Picture Search | Search by picture is supported |
| Database Management | Add, modify, delete and search face pictures |
| Face Picture Adding | Add face pictures through APP, WEB and external import |
| Face Picture Comparison | Supports allow list, block list and stranger match alarm |
| Track | Track display on a map |
| Statistical Graph of Information | Bar graph |
| Statistical Mode of Information | Statistics by day, week, month, quarter as well as customized time period |
| Perimeter Protection | |
| Human/Vehicle Classification (AI by IPC) | 8CH |
| Human/Vehicle Classification (AI by Device) | 2CH (2MP) |
| Video Metadata | |
| Human/Vehicle Attribute Analysis (AI by IPC) | Yes |
| Other Functions | |
| Fisheye Support | Supports fisheye dewarping via NVR/Web Client/mobile APP |
| Plate Recognition (AI by IPC) | Yes |
| PoE | |
| PoE Port | RJ 45 100Mbps × 8 |
| Standard | IEEE802.3AF/AT |
| Output Power | ≤ 96W |
| Network | |
| Interface | RJ 45 1000 Mbps × 1 |
| Protocol | TCP / IP, HTTP, HTTPS, 802.1X, FTP, DHCP, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IPV6, IPV4, UDP, WebSocket, PPPoE, SNMP, IGMP |
| Client Connection | Max. 64 users access |
| Mobile Device | |
| OS | iOS, Andriod |
| Storage | |
| HDD Interface | SATA × 1, max 18TB |
| Backup | |
| Local Backup | USB, USB To HDD (Max 1 TB) |
| Network Backup | Yes |
| External Interface | |
| RS 485 | Yes (full-duplex), connect to PTZ |
| USB | USB 3.0 × 1; USB 2.0 × 2 |
| Remote Controller | Included |
| Others | |
| Power Supply | DC48V/2.5A |
| Consumption | ≤ 20W (without HDD and PoE power supply) |
| Certificate | CE, FCC |
| Environmental Protection | Complies with Directive EU RoHS, REACH and WEEE |
| Dimensions (W × D × H) | 11.8 × 9.8 × 1.8 in (300 × 249 × 45 mm) |
| Working Environment | 14°F ~ 122°F (-10°C ~ 50°C) 10% ~ 90% humidity |



Ordering Information

PN3A-8X8FNH: 8 Ch NVR with 8 Plug & Play Ports

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