PN3A-8X8FNH

8 Ch NVR with 8 Plug & Play Ports, True Facial Recognition, 80 Mbps, 1 HD Bays, 4K

Features

- 8 Plug & Play Ports for easy camera setup PoE (Power Over Ethernet) available on all ports
- Up to 12 Megapixel Resolution Recording
- 80 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) to manage multiple units & sites from a single platform
- Free MAC client software to easily manage your system from your Apple computer
- NDAA Compliant

System	PN3A-8X8FNH
OS	Embedded Linux
Video	
Compression	H.265S/H.265+/H.265/H.264
IP Video Input	8CH IPC input
Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280 1024/960P/720P/960H/D1/CIF
Network Bandwidth	80Mbps/80Mbps (incoming/outgoing)
Output	
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	12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF
Frame Rate	12MP: 20fps 8MP or lower resolution: 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	1CH 12MP/4CH 1080P

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.
Face	
Face Detection Performance (AI by IPC)	8 CH
Face Detection Performance (AI by Device ONVIF)	2 CH
Face Match Performance Simultaneously	6 CH
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
Video Structure Analysis (By ONVIF)	
Human/Vehicle Classification	Yes (2CH Max)
Other Functions	
Fisheye Support	Web Browser (IE or Plugin Pro Required) and 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, DHCP, DNS, DDNS, UPnP, NTP, SMTP, HTTP, HTTPs, 802.1x, RTSP, SNMP, ONVIF, etc. PPPo
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
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 x 9.8 x 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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