PN1A-32X16F

32 Ch NVR with 16 Plug & Play Ports, 256 Mbps, 8 HD Bays, 4K

Features

- 16 Plug & Play Ports for easy camera setup PoE (Power Over Ethernet) available on all ports
- Up to 12 Megapixel Resolution Recording (Non AI Mode)
- Smart Analytics
- True Facial Recognition Capable with Compatible Camera: 32 Channels Total
- 256 Mbps Bit Rate Input
- Supports up to 16 channel simultaneous playback
- Works with ONVIF or other supported IP cameras
- Local HDMI main monitor output with 4K Support
- Local HDMI/VGA main monitor output up to 1080p
- True P2P Connectivity with QR Code Connect
- Multiple video search options including Thumbnail Search for quick retrieval of footage.
- H.265S/H.265+/H.265/H.264 video compression
- Local Fisheye Dewarping Capabilities
- 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

System	
OS	Embedded Linux
Video	
Network Input	32 CH IPC input
Incoming Bandwidth	256 Mbps
Outgoing Bandwidth	256Mbps
Network Input Resolution	12MP / 8MP / 6MP/ 5MP / 4MP / 3MP / 1080P / 1280 × 1024 / 960P / 720P / 960H / D1 /CIF
Output	HDMI × 1 : 3840×2160@60fps/3840×2160@30fps/ 1920×1080/1280×1024/1024×768 VGA × 1 : 1920×1080/1280×1024/1024×768
Compression	H.265S/H.265+/H.265/H.264
Client Connection	1/4/6/8/9/13/16/25/32/36
Audio	
Network Input	32 CH IPC audio input
2-Way Audio	RCA x 1
Local Output	RCA x 1
Compression	G.711(U/A)
Record	
Record Stream	Dual stream recording
Resolution	12MP@20fps; 8MP/ 6MP/5MP/4MP/3MP/1080P/1280×1024/ 960P/ 720P/960H/D1/CIF@30fps(NTSC)/25fps(PAL)
Mode	Manual/timed/motion/sensor/POS/AI recording
Decoding Capability	
Live View/ Playback	1CH 12MP/4CH 5MP/9CH 720P/16CH D1
Playback	
Simultaneous Playback	Max 16 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.
Alarm	

Mode	Manual, sensor, motion, exception, smart events
Input	16 CH local alarm input; supports IPC alarm input
Output	4 Ch
Triggering	Record, snapshot, buzzer, preset, e-mail, etc.
Face	
Face Detection Performance (AI by IPC)	32CH (PAR-P2FACE/NH-AI Models)
Face Match Performance (AI by Device)	32CH (Total Channels NVR can compute for facial recognition)
Face Picture Database	32 libraries 5000 Face Pictures
Computing Capability	180 pictures / minute
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	Support allow list, block list and stranger match alarm
Track	Track display on a map
Statistic Graph of Face Information	Bar graph
Statistic Mode of Face Information	Statistics by day, week, month, quarter as well as customized time period
Video Structure Analysis	
Human/Vehicle Classification	Up to 32CH
Other Functions	
Fisheye Support	Supports fisheye dewarping via Local Monitor Web Client and mobile APP
Plate Recognition	Up to 32CH
PoE	
PoE Port	RJ45 × 16
Standard	IEEE802.3af
Output Power	≤ 150W
Network	
Interface	RJ45 10 / 100 / 1000 Mbps × 1
Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP, HTTP, HTTPs, 802.1x, ONVIF, etc.
Client Connection	Max. 20 users access
Mobile Device	
OS	iOS, Andriod
Storage	
HDD Interface	SATA × 8, max 18TB per HDD; E-SATA × 1 (Record Only)
Backup	
Local Backup	USB, USB to HDD (Max 1TB)
Network Backup	Yes
Port	
RS 485	Yes (full-duplex), connect to PTZ
USB	USB 2.0 × 1 , USB 3.0 × 1
Remote Controller	Included
Others	
Power Supply	ATX 300W
Consumption	≤ 15W (without HDD and PoE power supply)
Dimensions (W × D × H)	17.5 x 17.2 x 3.5 in (445 × 436 × 90 mm)
Working Environment	14°F ~ 122°F (-10 ~ 50°C) 10% ~ 90% humidity
Certificate	CE, FCC
Environmental Protection	Directive EU RoHS, REACH and WEEE

Ordering Information
PN1A-32X16F: 32 Ch NVR with 16 Plug & Play Ports

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