



PN1A-16X16-4F

16 Ch NVR with 16 Plug & Play Ports, True Facial Recognition, 160 Mbps, 4 HD Bays, 4K

Features

- 16 Plug & Play Ports for easy camera setup PoE (Power Over Ethernet) available on all ports
- Up to 8 Megapixel Resolution Recording
- True Facial Recognition Capable with Compatible Camera
- 160 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 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 video compression
- 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	
IP Video Input	16CH IPC input
Incoming Bandwidth	160Mbps
Outgoing Bandwidth	160Mbps
IP Video Input Resolution	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
Audio	
Network Input	16 CH IPC audio input
2-way Audio	RCA × 1
Local Output	RCA × 1
Compression	G.711 (A/U)
Record	
Record Stream	Dual stream recording
Resolution	8MP/ 6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/ CIF
Frame Rate	NTSC: 30fps; PAL:25fps
Mode	Manual/timed/motion/sensor/POS/AI recording
Playback	
Simultaneous Playback	Max 16 CH
Search	Time slice / time / event / tag 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 8MP / 4CH 1080P/ 16 ch D1 @30fps
Alarm	
Mode	Manual, sensor, motion, exception, smart events
Input	8 CH local alarm input; supports IPC alarm input
Output	4 CH
Triggering	Record, snap, preset, e-mail, etc.
Face	
Channel	16 CH
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
External face picture enrollment	Resolution:128 × 128~1920 × 1080 Size:≤ 70KB Format : jpg&jpeg
Face Picture Comparison	Supports allow list and block list alarm
Face Track	Yes
Map of Face Track	Resolution:≤ 2560 × 1920 Size:≤ 512KB Format : jpg&jpeg
Statistic Graph of Face Information	Bar graph
Statistic Mode of Face Information	Statistics by day, week, month, quarter as well as customized time period
Network	
Interface	RJ 45 1000 Mbps × 1
PoE Port	RJ 45 × 16 (IEEE802.3af; output power: ≤ 150W)
Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP, HTTP, HTTPS, 802.1x, ONVIF, etc.
Client Connection	Max.10 users access
Mobile Device	
OS	iOS, Andriod
Storage	
HDD Interface	SATA × 4, max 18TB per HDD
Backup	
Local Backup	USB, USB mobile HDD (Max 1TB)
Network Backup	Yes
Port	
RS 485	Yes (full-duplex), connect to PTZ or keyboard
USB	USB 2.0 × 1 (front panel), USB 3.0 × 1 (rear panel)
Remote Controller	Included
Others	
Power Supply	ATX 300W
Consumption	≤ 15W (without HDD)
Dimensions (W × D × H)	17.3 × 15.3 × 2.7 in (440 × 390 × 70 mm)
Working Environment	14°F ~122°F (-10 ~50 °C),10% ~90% humidity
Certificate	CE, FCC
Environment Protection	Directive EU RoHS, WEEE(2012/19/EU) , Directive 94/62/EC and REACH(EC1907/2006)

Ordering Information

PN1A-16X16-4F: 16 Ch, 16 Plug & Play Ports, Facial Recognition