



## PN1A-16X16-2NH

16 Ch NVR with 16 Plug & Play Ports, 96 Mbps, 2 HD Bays

### Features

- Up to 8 Megapixel Resolution Recording
- 96 Mbps Bit Rate Input
- Supports up to 16 channel simultaneous playback
- Smart Analytic Support
- 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 Smart Search for quick retrieval of footage.
- H.265S/ H.265+/ H.265/ H.264
- 2 Hard Drive Bays
- Free Central Management Software (CMS)
- Free iOS & Android Apps for Smart Phones & Tablets
- Free MAC Client

System	PN1A-16X16-2NH
OS	Embedded Linux
Video	
Network Input	16 CH IPC input
Network Input Resolution	8MP/6MP/5MP/4MP/3MP/1080P/1280x1024/960P/720P/960H/D1/CIF
Output	HDMI x 1: 3840 x 2160 / 1920 x 1080 / 1280 x 1024/ 1024 x 768 VGA: 1920 x 1080 / 1280 x 1024/ 1024 x 768
Compression	H.265S / H.265+ /H.265 /H.264
Audio	
Network Input	16 CH IPC audio input
2-way Audio	RCA x 1
Local Output	RCA x 1
Compression	G.711(U/A)
Record	
Resolution	8MP/6MP/5MP/4MP/3MP/1080P/1280x1024/960P/720P/ 960H/D1/CIF
Frame Rate	N:30fps; P:25fps
Playback	
Simultaneous Playback	Max. 16 CH
Search	Time slice / time / event / tag search/ 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 8MP; 4CH 1080P
Alarm	
Mode	Manual, sensor, motion, exception, smart events
Input	Supports IPC alarm input
Output	Supports IPC alarm output
Triggering	Record, snap, preset, e-mail, etc.
Other Functions	
Plate Recognition	Yes
Fisheye	No
Video Structure Analysis	
Human/Vehicle Classification	Yes
Network	
Interface	RJ 45 1000Mbps x 1
Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP, HTTP, HTTPS, 802.1x, RTSP, SNMP, ONVIF, etc.
Incoming/Outgoing Bandwidth	96Mbps/96Mbps
Client Connection	Max.10 users access
Mobile Device	
OS	iOS, Android
Storage	
HDD Interface	SATA3.0 x 2, max 14TB per HDD
Backup	
Local Backup	USB, USB to HDD (1TB Max)
Network Backup	Yes
Port	
USB	USB 2.0 x 2
Remote Controller	Included
PoE	
PoE Ports	RJ 45 100 Mbps x 16
Standards	IEEE802.3AF/AT
Output Power	≤ 150W
Others	
Power Supply	DC 48V/3.75A
Consumption	≤ 10W ( without HDD )
Dimensions ( W x D x H )	14.9 x 10.5 x 1.7 In (380 x 268 x 45 mm )
Working Environment	14°F ~ 122°F (-10 ~ 50 °C)10% ~ 90% humidity
Certificate	CE, FCC
Environmental Protection	Complies with Directive EU RoHS, REACH and WEEE

### Ordering Information

**PN1A-16X16-2NH:16 Ch NVR with 16 Plug & Play Ports**

Also available with: 1, 2, 3, 4, 6, 8, 10, 12, 16, 20, 24 TB

\*For exact specifications please refer to product specifications  
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