



## PN1B-8X8NH2

8 Ch NVR with 8 Plug & Play Ports, 80 Mbps, 1 HD Bay, 4K

### Features

- 8 Plug & Play Ports for easy camera setup PoE (Power Over Ethernet) available on all ports
- Up to 8 Megapixel Resolution Recording
- Smart Analytics/Including AI by ONVIF
- Supports up to 8 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+/H.265/H.264 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
- NDA Compliant

System	PN1B-8X8NH2
OS	Embedded Linux
Video	
Network Input	8CH IPC input
Network Input Resolution	8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF
Output	HDMI × 1 : 3840 × 2160 / 1920 × 1080 / 1280 × 1024 / 1024 × 768 VGA: 1920 × 1080 / 1280 × 1024 / 1024 × 768
Screen Display Mode	1/4/6/8/9
Compression	H.265S / H.265+ / H.265 / H.264
Audio	
Network Input	8 CH IPC audio input
Local Input	RCA × 1 (for two-way audio)
Local Output	RCA × 1
Compression	G.711(U/A)
Record	
Resolution	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	1×8MP@30fps; 6×1080P@30fps
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.
Network	
Interface	RJ 45 × 1 (10/100/1000Mbps)

### Ordering Information

**PN1B-8X8NH2:** 8 Ch NVR with 8 Plug & Play Ports

Protocol	TCP / IP, IPv4, IPv6, UDP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, HTTP, SMTP, HTTPS, 802.1x, RTSP, RTP, RTCP, WebSocket, SNMP, IGMP, ONVIF
Incoming/ Outgoing Bandwidth	80/80 (Mbps) *When the AI function of the IPC is enabled, the actual incoming bandwidth(max.bitrate) is more than the set value in the NVR.
Client Connection	Max. 64 users access
Face	
Face Detection Performance (AI by IPC)	8 CH (NH-AI Models)
Face Detection Performance (AI by Device ONVIF)	2 CH/ 2MP
Face Match Performance	No (Does NOT Support Facial Recognition)
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	
Human/Vehicle Classification (AI by IPC)	Up to 8 CH
Human/Vehicle Classification (AI by Device)	2 CH
Human/Vehicle Attribute Analysis	Yes (AI by IPC)
Other Functions	
Fisheye	Supports fisheye dewarping via Web Client and mobile APP
Plate Recognition (AI by IPC)	Up to 8 CH
Mobile Device	
OS	iOS, Android
Storage	
HDD Interface	SATA3.0 × 1, up to 26TB
Backup	
Local Backup	USB, USB To HDD (1TB Max)
Network Backup	Yes
Port	
USB	USB 2.0 × 2, USB to
Remote Controller	Included
PoE	
PoE Ports	100M RJ45 × 8
Standards	IEEE802.3AF/AT
Output Power	≤ 72W
Others	
Power Supply	DC 48V/1.8A
Consumption	≤ 10W ( without HDD )
Dimensions ( W × D × H )	11.8 × 9.8 × 1.7 In (300 × 249 × 45 mm)
Working Environment	14°F ~ 122°F (-10°C ~ 50°C)10% ~ 90% humidity
Certificate	CE, FCC, ETL: 5025761
Environmental Protection	Complies with Directive EU RoHS, REACH and WEEE

