



PN1B-8X8NH

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

Features

- Up to 8 Megapixel Resolution Recording
- 80 Mbps Bit Rate Input
- Supports up to 8 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
- 1 Hard Drive Bay
- Free Central Management Software (CMS)
- Free iOS & Android Apps for Smart Phones & Tablets
- Free MAC Client

System	PN1B-8X8NH
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
Compression	VGA: 1920 × 1080 / 1280 × 1024/ 1024 × 768
Audio	
Network Input	H.265S /H.265+ / H.265 / H.264
2-way Audio	8 CH IPC audio input
Local Output	RCA × 1
Compression	RCA × 1
Record	
Resolution	G.711(U/A)
Frame Rate	8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF
Playback	
Simultaneous Playback	NTSC:30fps; PAL:25fps
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 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 Support	No
Video Structure Analysis	
Human/Vehicle Classification	Yes
Network	
Interface	RJ 45 × 1 (10/100/1000Mbps)
Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP, HTTP, HTTPS, 802.1x, ONVIF, etc.
Incoming/ Outgoing Bandwidth	80/80 (Mbps)
Client Connection	Max. 10 users access
Mobile Device	
OS	iOS, Andriod
Storage	
HDD Interface	SATA3.0 × 1, Up to 18TB
Backup	
Local Backup	USB, USB To HDD (1TB Max)
Network Backup	Yes
Port	
USB	USB 2.0 × 2
Remote Controller	Included
PoE	
PoE Ports	100M RJ45 × 8
Standards	IEEE802.3AF/AT
Output Power	≤ 96W
Others	
Power Supply	DC 48V/2.5A
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 & WEEE

Ordering Information

PN1B-8X8NH: 8 Ch NVR with 8 Plug & Play Ports

**For exact specifications please refer to product specifications*

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