



PD2B-32NH

32 Ch + 8 Bonus IP Ch (Up to 40 Cameras Total) 8MP Universal Port Recorder, RAID, (2) NIC Cards, with Smart Analytic Support and Smart Motion Detection, Audio over Coax

Features

- Smart Analytic Support: 1 ch
- Smart Motion Detection (SMD): 16 ch
- Supports Audio over Coax (AoC - TVI Only)
- Supports up to 16 Channel Simultaneous Playback
- 32 Channel 8 Megapixel Universal Port DVR (TVI/AHD/CVI/Analog/IP)
- 8 Bonus IP Channels - Up to 8 Megapixel
- Total Max IP Input: 16 (Including Bonus IPC)
- H.264/H.265 Video Compression
- True P2P Connectivity with QR Code Connect
- Outputs - 1 HDMI (4K), 1 HDMI (1080p), VGA (1080p)
- CVBS Main or Spot Monitor
- (2) NIC Cards
- Multiple video search options including Analytical and Thumbnail Search for quick retrieval of footage
- RAID 0, 1, 5, 6, 10
- Free iOS & Android Apps for Smart Phones & Tablets
- Free Central Management Software (CMS) for PC/MAC
- NDAA Compliant

System	PD2B-32NH
OS	Embedded Linux
Video	
Analog Video Input	BNC × 32 BNC interface (1.0Vp-p; 75Ω) TVI/AHD/CVI : 4K@15fps; 5MP@20fps; 4MP/3MP/1080P/720P/WD1@25fps/30fps (live)
IP Video Input	8CH (up to 16CH) Up to 8MP@30fps
Total Input	40CH
Output	HDMI 1 : 3840 × 2160 / 1920 × 1080 / 1280 × 1024 HDMI 2 : 1920 × 1080 / 1280 × 1024 / 1024 × 768 (HDMI1 and HDMI2 output different video sources) VGA × 1 : 1920 × 1080 / 1280 × 1024 (VGA and HDMI1 output the same video source) BNC × 1 : CVBS (used as the main or spot output)
Compression	H.264/H.265
Multi-screen Display	Main output: 1/4/6/8/9/13/16/25/32/36 AUX. output: 1/4/6/8/9 Total output: 32+9
Audio	
Input	RCA × 16
Output	RCA × 1 (linear, 600Ω)
Two-way audio	Take up channel one audio input
Compression	G.711(U/A)
Record	
Resolution	4K/4K Lite / 5MP/5MP Lite/4MP/4MP Lite/3MP/1080P/1080P Lite/720P/WD1/D1
Frame Rate	Analog Channel: 4K@8fps(PAL / NTSC); 4K Lite@12/15fps(PAL / NTSC); 5MP @12fps (PAL / NTSC); 5MP Lite@20fps (PAL / NTSC); 4MP/3MP@12/15fps(PAL / NTSC); 4MP Lite/1080P /720P/WD1/D1@25fps (PAL) / 30fps (NTSC) IP Channel: 25fps (PAL) / 30fps (NTSC)
Bit Rate	32Kbps ~ 5Mbps

Ordering Information

PD2B-32NH: 32 Ch + 8 Bonus IP Ch

Playback	
Playback	16CH
Search	Time slice / time / event / tag /smart search
Smart Search	Highlight colors to display the camera record in a certain period of time, different colors refer to different record events
Function	Play, pause, FF, FB, digital zoom, etc.
Alarm	
Input	16CH
Output	8CH
AI Function	
Smart Motion Detection Performance	16CH (Human + Vehicle Detection)
Perimeter Protection Performance	1CH (Human + Vehicle Detection)
Network	
Interface	RJ 45 1000Mbps × 2
Protocol	TCP / IP, HTTP, HTTPS, 802.1x, DHCP, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IPv6, UDP, WebSocket, PPPoE, SNMP, IGMP
Incoming Bandwidth	48Mbps (max. 96Mbps)
Outgoing Bandwidth	192Mbps
Client Connection	Max. 20 users access (Max 44 Main Stream/160 Sub Stream)
Mobile Device	
OS	iOS, Andriod
Storage	
HDD	SATA×8, up to 26TB per HDD
RAID	RAID 0, 1, 5, 6, 10
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-200W
Consumption	≤ 50W (without HDD)
Dimensions (W × D × H)	17.5 × 17.2 × 3.5 in (445 × 436 × 90 mm)
Working Environment	14°F ~ 122°F (-10°C ~ 50°C), 10%~90% (humidity)
Certificate	CE, FCC
Environmental Protection	Comply with Directive EU RoHS, WEEE, REACH

