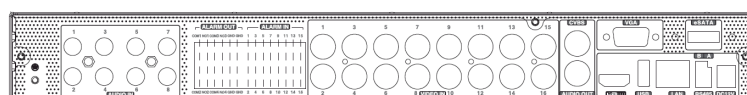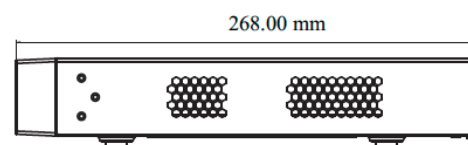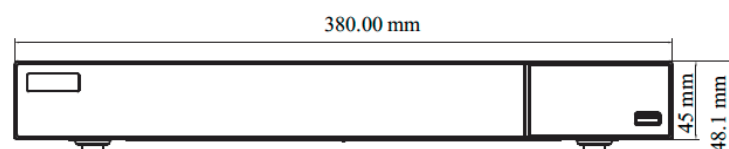# PD2B-16NH

16 Ch + 8 Bonus IP Ch (Up to 24 Cameras Total) Universal Port Recorder with Smart Analytic Support and Smart Motion Detection, Audio over Coax

Features

- Smart Analytic Support: 1 ch
- Smart Motion Detection (SMD)
- Supports Audio over Coax (AoC)
- 16 Channel Universal Port DVR (TVI/AHD/CVI/Analog/IP)
- TVI/AHD/CVI: 8MP Analog: 960h, IP: 8MP
- 8 Bonus IP Channels - Up to 8 Megapixel
- Total Max IP Input: 16 (Including Bonus IPC)
- 264/H.265/265+ Video Compression
- True P2P Connectivity with QR Code Connect
- HDMI up to 4K
- Simultaneous HDMI/VGA up to 1080p Resolution
- CVBS Main or Spot Monitor
- Supports up to 16 Channel Simultaneous Playback
- Multiple video search options including Thumbnail Search for quick retrieval of footage. Smart Search (Bonus IPC channels only)
- Watermarking
- 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
- NDAA Compliant

Model	
System	
OS	Embedded Linux
Video	
Analog Video Input	BNC × 16
	BNC interface (1.0Vp-p; 75Ω)
	TVI/AHD/CVI: 4K@15fps, 5MP@20fps, 4MP/3MP/1080P/720P/WD1@30fps (live)
IP Video Input	8CH(Up to 16CH) Up to 8MP@30fps
Total Input	24CH
Output	HDMI × 1 : 3840 × 2160 / 1920 × 1080 / 1280 × 1024 VGA × 1 : 1920 × 1080 / 1280 × 1024 BNC × 1 : CVBS (used as the main or spot output)
Compression	H.264/H.265/H.265+
Multi-screen Display	1/4/6/8/9/13/16/25
Audio	
Input	RCA × 8
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/720P/WD1/D1
Frame Rate	Analog Channel: 4K@ 8fps (PAL/NTSC) 4K Lite@12fps/15fps (PAL/NTSC) 5MP@12fps (PAL / NTSC) 5MP Lite@20fps (PAL / NTSC) 4MP/3MP@12fps/ 15fps (PAL / NTSC) 4MP Lite/1080P/720P/WD1/D1@25fps / 30fps (PAL / NTSC) IP Channel: 8MP@ 25fps / 30fps (PAL / NTSC)

Ordering Information
PD2B-16NH: 16 Channel Universal Port DVR

Bit Rate	32Kbps ~ 5Mbps
Mode	Manual, timed, motion, smart event
Playback	
Playback	16CH
Search	Time slice / time / event / tag search
Smart Search	Highlight colors to display the camera record in a certain period of time, different colors refer to different record
Function	Play, pause, FF, FB, digital zoom, etc.
Alarm	
Mode	Manual, motion, exception, smart event
Input	16CH
Output	4CH
AI Function	
Smart Motion Detection Performance	16CH (Human + Vehicle Detection)
Perimeter Protection Performance	1CH (Human + Vehicle Detection)
Network	
Interface	RJ 45 1000Mbps × 1
Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, HTTP, HTTPs, NTP, SMTP
Incoming Bandwidth	32Mbps (max. 64 Mbps)
Outgoing Bandwidth	96Mbps
Client Connection	Max. 10 users access
Mobile Device	
OS	iOS, Andriod
Storage	
HDD	SATA× 2, up to 18TB per HDD; E-SATA× 1 (One 18TB Max Drive, Record Only)
Backup	
Local Backup	USB, USB to HDD (Max 1TB)
Network Backup	Yes
Port	
RS 485	Yes (half-duplex), connect to PTZ
USB	USB 3.0 × 1; USB2.0 × 1
Remote Controller	Included
Others	
Power Supply	DC12V / 4A
Consumption	≤ 30W (without HDD)
Dimensions (W × D × H)	15 x 10.6 x 1.8 in (380 × 268 × 45 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

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