



## PD1B-16NH2

16 Ch + 8 Bonus IP Ch (Up to 24 Cameras Total)  
Universal Port Recorder, 2 HD Bays

### Features

- TVI/AHD/CVI: 5MP/4MP/1080p/720/WD1
- 8 Bonus IP Channels - Up to 5 Megapixel
- Total Max IP Input: 16 (Including Bonus IPC)
- H.264/H.265 Video Compression
- True P2P Connectivity with QR Code Connect
- Simultaneous HDMI/VGA up to 1080p Resolution
- CVBS Main or Spot Monitor
- Supports up to 16 Channel Simultaneous Playback
- 2 Hard Drive Bays
- Free Central Management Software (CMS)
- Free MAC Client

System	PD1B-16NH2
OS	Embedded Linux
Video	
Analog Video Input	BNC × 16
	BNC interface (1.0Vp-p; 75Ω)
	TVI/AHD/CVI : 5MP/4MP/1080P/720P/WD1 (live)
IP Video Input	8CH
	Up to 5MP@30fps
Total Input	16CH
Output	HDMI × 1 : 1920 × 1080 / 1280 × 1024 / 1024 × 768
	VGA × 1 : 1920 × 1080 / 1280 × 1024 / 1024 × 768
	BNC × 1 : CVBS ( used as the main or spot output )
Compression	H.264/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	5MP Lite/4MP Lite / 1080P/1080P Lite/720P/WD1
Frame Rate	Analog Channel: 5MP Lite@10fps (PAL / NTSC) (1280 x 1936) 4MP Lite/1080P@12fps(PAL) / 15fps (NTSC) 1080P Lite/720P/WD1/D1@25fps (PAL) / 30fps (NTSC) IP Channel: 25fps (PAL) / 30fps (NTSC)
Bit Rate	32Kbps ~ 5Mbps
Mode	Manual, timer, 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 events
Function	Play, pause, FF, FB, digital zoom, etc.
Alarm	
Mode	Manual, motion, exception, smart event
Input	16CH
Output	4CH
Network	
Interface	RJ 45 1000Mbps × 1
Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, HTTP, HTTPS, NTP, SMTP
Incoming Bandwidth	32Mbps
Outgoing Bandwidth	96Mbps
Client Connection	Max. 10 users access
MobileDevice	
OS	iOS, Andriod
Storage	
HDD	SATA×2, up to 18TB per HDD; E-SATA×1 up to 18TB (Record Only)
Backup	
Local Backup	USB, USB to HDD (Max 1 TB)
Network Backup	Yes
Port	
RS 485	Yes (half-duplex), connect to PTZ or keyboard
USB	USB 2.0 × 2
Remote Controller	Included
Others	
Power Supply	DC12V/4A
Consumption	≤ 15W ( without HDD )
Dimensions ( W × D × H )	14.9 × 10.5 × 1.7In (380 × 268 × 45 mm)
Working Environment	14°F ~122°F (-10~50°C), 10%~90% (humidity)
Certificate	CE, FCC
Environmental Protection	Directive EU RoHS, WEEE, REACH

### Ordering Information

PD1B-16NH2: 16 Ch + 8 Bonus IP Ch