



PD1B-16

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

Features

- 16 Channel Universal Port DVR (TVI/AHD/CVI/Analog/IP)
- Up to 5MP Lite Support* TVI/AHD: 5 MP Lite (1280 x 1936)
4 MP Lite (1280 x 1440), 1080p, 1080p Lite (960 x 1080), 720p, WD1
CVI: 4 MP Lite (1280 x 1440), 1080p, 720p, WD1
- 8 Bonus IP Channels - Up to 5 Megapixel
- Total Max IP Input: 16 (Including Bonus IPC)
- 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
- Smart Analytic Support - Line Crossing and Area Intrusion
- Multiple video search options including Analytical and Thumbnail Search for quick retrieval of footage.
- 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

Ordering Information

PD1B-16: 16 Ch HD-TVI Recorder

**For exact specifications please refer to product specifications*

Model	PD1B-16
System	
Compression	Standard H.265 High Profile
CPU	Cortex A9
OS	Embedded Linux
Video	
Input	BNC × 16
Resolution Supported	TVI / AHD : 5MP/4MP/1080P/720P/ WD1 CVI: 4MP/720MP/WD1
Resolution Output	TVI/AHD: 5MP Lite (1280 x 1936) 4 MP Lite (1280 x 1440), 1080p/1080p Lite (960 x 1080), 720p, WD1 CVI: 4 MP Lite (1280 x 1440), 1080p Lite (960 x 1080), 720, WD1
Output	HDMI × 1 : 1920 x 1080/ 1280 x 1024/ 1024 x 768 VGA × 1 : 1920 × 1080 / 1280 × 1024/ 1024 x 768 BNC × 1 : CVBS (used as the main or spot output)
Audio	
Input	RCA × 8
Output	RCA × 1
Two-way audio	Take up channel one audio input
Record	
Resolution	5MP Lite, 4MP lite,1080P, 1080P Lite, 720P, WD1
Frame Rate	Analog Camera 5MP Lite : 10fps 4MP Lite : 12 fps (PAL) / 15 fps (NTSC) 1080P Lite/720P/WD1@ 25 fps (PAL)/ 30fps (NTSC)
Bit Rate	32Kbps ~ 5Mbps
Mode	Manual, timer, motion
Bonus IP Input	
Resolution	5MP/4MP/3MP/1080p/720p/WD1
Frame Rate	5MP/4MP/3MP/1080p/720p/WD1 @ 30 FPS
IPC Input/Access Bandwidth	IPC x 8 / 32 Mbps
IP Input	
Resolution	5MP / 4 MP/ 3 MP /1080p / 720p
Frame Rate	5MP/4MP/3MP/1080p/720p/WD1 @ 30 FPS
Total Access Bandwidth	72Mbps
Total Max IP Input	16 (Including Bonus IPC)
Playback	
Playback	16 Ch
Search	Time Slice/Time/Event/Tag 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.
Alarm	
Mode	Manual, motion, exception
Input	16 Ch
Output	4 Ch
Triggering	Record, Snap, preset, e-mail, etc
Smart	Line Crossing & Area Intrusion
Network	
Interface	RJ45 1000Mbps x 1
Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP
Bandwidth	72/96 Mbps (Access/Transfer)
Web Client	10
Mobile Device	
OS	iOS, Android
Storage	
HDD	SATA × 2, Up to 12TB WD/ 14TB Seagate per drive When running v1.29 and above E-SATA x 1
Backup	
Local Backup	USB, USB Removable HDD
Network Backup	Yes
Port	
RS485	RS485 × 1, connect to PTZ
USB	USB 2.0 × 2
Remote Controller	Included
Other	
Power Supply	DC 12V/4A
Consumption	≤ 15W (without HDD)
Dimensions (WxDxH)	14.96 x 10.55 x 2.05 inches (380 x 268 x52)
Work Environment	14 [°] ~ 122 [°] F(-10 [°] ~ 50)10% ~ 90% humidity