



PD2B-16

16 Ch TVI/AHD/CVI/Analog/IP Universal Port Recorder (8 MP), with 8 Bonus IP Ch (8 MP), Up to 24 Cameras Total, 2 HD Bay

Features

- 16 Channel Universal Port DVR (TVI/AHD/CVI/Analog/IP)
- Up to 8MP Support
- 8 Bonus IP Channels - Up to 8 Megapixel
- Total Max IP Input: 16 (Including Bonus IPC)
- H.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

System	PD2B-16
Compression	Standard H.265 High Profile
CPU	Cortex A9
OS	Embedded Linux
Video	
Input	BNC x 16
Resolution	TVI /AHD: 8MP@15FPS Live, 5MP@20fps Live 5MP@20fps Live, 4MP / 3MP / 1080P / 720P / WD1 real time preview CVI: 4MP / 3MP / 1080P / 720P / WD1 real time preview
Output	HDMI x 1 : 3840 x 2160 / 1920 x 1080 / 1280 x 1024 / 1024 x 768, VGA x 1 : 1920 x 1080 / 1280 x 1024 / 1024 x 768, BNC x 1 : CVBS (used as the main or spot output)
Audio	
Input	RCA x 8
Output	RCA x 1
Two-way audio	Take up channel one audio input
Record	
Resolution	8MP/5MP/5MP Lite/4MP/4MP Lite/3MP/1080P/720P/WD1
Frame Rate	4K@7fps (PAL/NTSC; 16 CH: odd channels can support) 4K Lite@12fps/15fps (PAL/NTSC) 5MP@12fps (PAL / NTSC) 5MP Lite@20fps (PAL / NTSC) 4MP@12fps(PAL) / 15fps (NTSC) 4MP Lite/1080P/720P/WD1@25fps (PAL) / 30fps (NTSC)
Bit Rate	32Kbps ~ 8Mbps
Mode	Manual, timer, motion
Bonus IP Input	
Resolution	8MP / 5MP / 4MP / 3MP / 1080P / 720P / WD1
Frame Rate	8MP / 5MP / 4MP / 3MP / 1080P / 720P / WD1 @ 30 FPS
IP Input/Access Bandwidth	IPC x 8 / 32 Mbps
IP Input	
Resolution	8MP / 5MP / 4MP / 3MP / 1080P / 720P / WD1
Frame Rate	8MP / 5MP / 4MP / 3MP / 1080P / 720P / WD1 @ 30 FPS
Total Access Bandwidth	80 Mbps (for each)
Total Max IP Input	16 (Including Bonus IPC)
Playback	
Playback	16 CH
Search	Time slice / time / event / tag search/ smart search (IPC Only)
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
Input	16 CH
Output	4 CH
Triggering	Record, snap, preset, e-mail, etc.
Network	
Interface	RJ45 1000Mbps x 1
Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP
Web Client	10
Mobile Device	
OS	iOS, Android
Storage	
HDD	Sata x 2 Running firmware version v1.2.x or newer supports Western Digital Purple 12TB, Seagate Skyhawk 14TB E-Sata x 1
Backup	
Local Backup	USB, USB Mobile HDD
Network Backup	Yes
Port	
RS485	RS485 x 1, connect to PTZ
USB	USB 2.0 x 2
Remote Controller	Included
Other	
Power Supply	DC12V / 4A
Consumption	≤ 30W (without HDD)
Dimensions (mm)	380 x 268 x 52 (W x D x H)
Work Environment	14 - 122°F (-10 - 50 °C) 10% - 90% humidity

Ordering Information

PD2B-16/2TB: 16 Ch Universal Port Recorder, 2 TB
Available with various configurations 0-28TB