



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)
- TVI/AHD/CVI: 8MP Analog: 960h, IP: 8MP
- 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
OS	Embedded Linux
Video	
Analog Video Input	BNC x 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 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)
Compression	H.264/H.265
Audio	
Input	RCA x 8
Output	RCA x 1 (Linear,600Ω)
Two-way audio	Take up channel one audio input
Compression	G.711 (UVA)
Record	
Resolution	4K/4K Lite/5MP/5MP Lite/4MP/4MP Lite/3MP/1080P/720P/WD1/D1
Frame Rate	Analog Channel: 4K@6fps/7fps (PAL/NTSC) 4K Lite@12fps/15fps (PAL/NTSC) 5MP@12fps (PAL / NTSC) 5MP Lite@20fps (PAL / NTSC) 4MP/3MP@12fps(PAL) / 15fps (PAL/NTSC) 4MP Lite/1080P/720P/WD1/D1@25fps/30fps (PAL/ NTSC) IP Channel: 25fps/30fps (PAL/ NTSC)
Bit Rate	32Kbps ~ 5Mbps
Mode	Manual, timer, motion, smart event
Playback	
Playback	16 CH
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	16 CH
Output	4 CH
Network	
Interface	RJ45 1000Mbps x 1
Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP
Incoming Bandwidth	32Mbps (Max.64Mbps)
Outgoing Bandwidth	96Mbps
Mobile Device	
OS	iOS, Andriod
Storage	
HDD	SATA x 2, up to 14TB per HDD; E-SATA x1 (Max 14TB, Record Only)
Backup	
Local Backup	USB, USB to HDD (Max 1TB)
Network Backup	Yes
Port	
RS485	YES (half-duplex), 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: 16 Ch Universal Port Recorder

Available with 1/2/3/4/6/8/10/12/16/20/24 TB Hard Drive Options