



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 × 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 / 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 |
| Audio | |
| Input | RCA × 8 |
| Output | RCA × 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 × 1 |
| Protocol | TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP |
| Incoming Bandwidth | 32Mbps (Max.64Mbps) |
| Outgoing Bandwidth | 96Mbps |
| Mobile Device | |
| OS | iOS, Android |
| Storage | |
| HDD | SATA × 2, up to 18TB per HDD; E-SATA x1 (Max 18TB, 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 × 2 |
| Remote Controller | Included |
| Other | |
| Power Supply | DC12V / 4A |
| Consumption | ≤ 30W (without HDD) |
| Dimensions (W× D×H) | 15 × 10.5 × 2 in (380 × 268 × 52 mm) |
| Work Environment | 14°F - 122°F (-10 °C ~ 50°C), 10% ~90% humidity |

Ordering Information

PD2B-16: 16 Ch Universal Port Recorder