



## PD2A-16X

16 Ch TVI/AHD/CVI/Analog/IP Universal Port Recorder (5 MP) with 4 Bonus IP Ch (4 MP), Up to 20 cameras total, 4 HD Bays, 4K

### Features

- 16 Channel Universal Port DVR (TVI/AHD/CVI/Analog/IP)
- Up to 5MP Support
- 4 Bonus IP Channels - Up to 4 Megapixel
- Total Max IP Input: 12 (Including Bonus IPC)
- H.264 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.
- 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

Model	PD2A-16X
System	
Compression	Standard H.264 High Profile
CPU	Cortex A9
OS	Embedded Linux
Video	
Input	BNC x 16
Resolution	TVI / AHD : 5MP@20fps; 4MP, 3MP, 1080P, 720P, WD1 real time, CVI : 1080P, 720P real time
Output	HDMI x 1 : 4K/ 2K / 1920 x 1080 / 1280 x 1024 VGA x 1 : 1920 x 1080 / 1280 x 1024 BNC x 1 : CVBS ( used as the main or spot output )
Audio	
Input	RCA x 16
Output	RCA x 1
Two-way audio	RCA x 1
Record	
Resolution	5MP, 4MP, 4MP lite, 3MP, 1080P, 720P, WD1
Frame Rate	5MP : 10fps (PAL / NTSC) 4MP / 3MP : 12 fps (PAL) / 15 fps ( NTSC) 4MP lite/1080P/720P/WD1: 25 fps (PAL) /30 fps ( NTSC)
Bit Rate	768Kbps ~ 8Mbps
Mode	Manual, timer, motion, sensor
Bonus IP Input	
Resolution	4MP / 3MP / 1080P / 720P
Frame Rate	4MP/3MP/1080p/720p @ 30 FPS
IP Input / Access Bandwidth	IPC x 4 / 24Mbps
IP Input	
Resolution	4MP/3MP/1080p/720p
Frame Rate	4MP/3MP/1080p/720p @30 FPS
Total Access Bandwidth	72 Mb
Total Max IP Input	12 (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, sensor, motion, exception
Input	16
Output	4
Triggering	Record, Snap, preset, e-mail
Network	
Interface	RJ45 10 /100/1000 Mbps x 1
Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP
Web Client	10 simultaneous users online
Mobile Device	
OS	iOS, Android
Storage	
HDD	SATA x 4, max 8T per HDD
Backup	
Local Backup	USB, USB mobile HDD
Network Backup	Yes
Port	
RS485	RS485 x 1, connect to PTZ
USB	USB 2.0 x 1 ( front panel ), USB 3.0 x 1 ( rear panel )
Other	
Power Supply	DC 12V
Consumption	≤ 15W (without HDD)
Dimensions (WxDxH)	17.3 x 15.4 x 2.76 inches (440 x 390 x70)
Work Environment	14°~ 122° F(-10° ~ 50 °C)10% ~ 90% humidity

### Ordering Information

**PD2A-16X/2TB:** 16 Ch HD-TVI Recorder, 2 TB  
Also available with 4, 8, 16, 24, 32 TB