



## PD1A-16

16 Ch TVI/AHD/CVI/Analog/IP Universal Port Recorder (2 MP), with 4 Bonus IP Ch (3 MP), Up to 20 cameras total, 2 HD Bays

### Features

- 16 Channel Universal Port DVR (TVI/AHD/CVI/Analog/IP)
- 4 Bonus IP Channel - Up to 3 Megapixel
- Total Max IP Input: 12 (including Bonus IPC)
- H.264 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
- Multiple video search options including Thumbnail Search for quick retrieval of footage.
- 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	PD1A-16
System	
Compression	Standard H.264 High Profile
CPU	Cortex A9
OS	Embedded Linux
Video	
Input	BNC x 16
Resolution	TVI/AHD/CVI 2.0 1080p, 720p, Analog, WD1 Real-Time
IP Input/Access Bandwidth	IPC x 4 / 24Mbps
Output	HDMI x 1: 1920x1080, VGA x 1: 1920x1080, BNC x 1: CVBS (used as the main or Spot output)
Audio	
Input	RCA x 4
Output	RCA x 1
2-Way Audio	Take up channel one audio input
Record	
Resolution	1080p, 1080p light, 720p, WD1
Frame Rate (NTSC/PAL)	1080p: 240/200 FPS, 1080p Lite/720p/WD1: 480/400 FPS
Bit Rate	768Kbps ~ 8Mbps
Mode	Manual, Timer, Motion, Sensor
Bonus IP Input	
Resolution	3MP / 1080P / 960P / 720P
Frame Rate	3MP/1080p/720p @ 30 FPS
IP Input / Access Bandwidth	IPC x 4 / 24Mbps
IP Input	
Resolution	3MP/1080p/720p
Frame Rate	3MP/1080p/720p @ 30 FPS
Total Access Bandwidth	60 Mb
Total Max IP Input	12 (Including Bonus IPC)
Playback	
Simultaneous Playback	16 Channel
Search	Thumbnail, Time, Event, Tag Search
Function	Play, Pause, FF, FB, Digital Zoom up to 32x
Alarm	
Mode	Manual, Sensor, Motion, Exception
Input	4 Channel
Output	1 Channel
Triggering	Record, Snap, Preset, E-mail
Network	
Interface	RJ45 10M/100Mbps x 1
Protocol	TCP/IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP
Web Client	Max 6 Users Online
Mobile Device	
OS	iOS, Android
Storage	
HDD	SATA x 1, Running firmware version v1.2.x or newer supports Western Digital Purple 10TB, Seagate Skyhawk 12TB
Backup	
Local Backup	USB, USB Mobile HDD
Network Backup	Yes
Port	
RS485	RS485 x 1, Connect to PTZ
USB	USB 2.0 x 2 (One in the front panel and the other in the rear panel)
Remote Controller	Yes
Other	
Power Supply	DC 12V
Consumption	< 15W (without HDD)
Dimensions (W x D x H)	16.92 x 11.81 x 2.16 inches (430 x 300 x 55mm)
Work Environment	-14 ~ 122 F (-10 C ~ 50 C), 10~90% Humidity

### Ordering Information

**PD1A-16/2TB:** 16 Ch HD-TVI Recorder, 2 TB  
Available with various configurations 0-28TB