



16 CHANNEL DVR

PLC-1816H8/PM

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Overview:

PLC-1516/PM is 16 CH 5MP high-definition hybrid DVRs with ability to connect analog and IP cameras simultaneously, which adopt the standard H.264 high profile compression format and the most advanced SOC technique to ensure real time recording in each channel and realize outstanding robustness of the system.

Key Features:

- ✔ 16 CH TVI / CVI / AHD video input
- ✔ 16 CH 5MP / 4MP / 4MP lite / 3MP / 1080P / 720P / WD1 recording.
- ✔ 4 CH IPC 4MP / 3MP / 1080P / 960P / 720P recording.
- ✔ Adopt standard H.264 high profile compression format to get high-quality.
- ✔ video at much lower bit rate
- ✔ Intuitive and user-friendly Graphics User Interface (GUI), window style
- ✔ operation by mouse
- ✔ Multi-mode recording: manual / timer / motion / sensor
- ✔ Playback: 16 CH simultaneously playback
- ✔ Search: time slice, time, event (manual, sensor, motion), tag search
- ✔ Express and flexible backup via USB, network and so on
- ✔ Pentaplex: preview, record, playback, backup, and remote access
- ✔ DHCP, DDNS, PPPoE network protocol, IE browse, and CMS supported.
- ✔ Remote control via IE or CMS: preview, playback, backup, PTZ and configuration
- ✔ Dual stream technology for local storage with high definition, remote
- ✔ network transmission and remote surveillance with mobile device
- ✔ Multi-user online simultaneously
- ✔ Authorization management, log review and device status review
- ✔ HDMI 4K output, true high-resolution display
- ✔ Support PTZ preset and auto cruise, up to 255 presets and 8 cruises.
- ✔ Support NAT function and QR Code scanning by mobile phone and PAD.
- ✔ Powerful smart phone & Pad surveillance with iOS and Android OS

Specifications:

Model	PLC-1816H8/PM
Main Processor Chip	Cortex A9
Operation System	Embedded Linux
Coding	Standard H.264 High Profile
Local Video Input	BNC×16
Input Resolution	TVI/AHD:5MP 20fps;4MP、3MP、1080P、720P、WD1 real time CVI:1080P,720P real time
Network Input/Access Bandwidth	IPC×4 / 24Mbps
Output	HDMI×1:3840×2160/1920×1080/1280×1024/1024×768 VGA×1:1920×1080/1280×1024/1024×768
CVBS	BNC×1: CVBS (used as the main or spot output)
Local Audio Input	RCA×16
Two-way audio	RCA×1
Local Output	RCA×1
Resolution	5MP、4MP、4MP lite、3MP,1080P、720P、WD1
Local Record Frame Rate	5MP:10fps (PAL/NTSC) 4MP/3MP:12fps/15fps (PAL/NTSC) 4MP lite/1080P/720P/WD1:25fps/30fps (PAL/NTSC)
Bit Stream	768Kbps-8Mbps
Mode	Manual, timer, motion, sensor
Image Quality	5 Level
Resolution	4MP/3MP/1080P/960P/720P
IPC Record Frame Rate	25fps (PAL)/30fps (NTSC)
Playback Channel	16 CH
Interface	RJ45 10 / 100 / 1000Mbps × 1
Network Protocol	TCP/IP、PPPoE、DHCP、DNS、DDNS、UPnP、NTP、SMTP、ONVIF、GB28181
HDD	SATA×8
Maximum Capacity of HDD	8T
USB Backup	Yes
eSata Backup	No
Alarm Input	16
Alarm Output	4
Communication	RS485×2, connect to PTZ and keyboard
Remote	Optional
USB	USB2.0×1 (front panel), USB3.0×1 (rear panel)
Computer Case	2U
Dimension	430×453×100(W×D×H)

Power Supply	ATX
Power Consumption	≤ 40W (without HDD)
Work Environment	-10 ~ 50 °C, 10% ~ 90% humidity

Dimensions:

