



16 CHANNEL DVR

PLC-1816H2/PM-4K

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Overview:

PLC-1816H2/PM-4K supports 16 CH 8MP analog and IP video input simultaneously. PLC-1816H2/PM-4K supports 16 CH video input, 8 CH audio input and simultaneous 16 CH playback. The series of product can meet different security requirements of home, financial, commerce, enterprise, transportation and government, etc.

Key Features:

- ✔ Supports 16 CH TVI / AHD /CVI 5MP / 4MP / 1080P / 720P / WD1 video input
- ✔ Supports 8 CH 5MP / 4MP / 3MP / 1080P / 960P / 720P IP video input by default 8CH analog video input can be switched to 8CH IP video input
- ✔ Standard H.265 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 / timed / motion/AI recording
- ✔ Playback: 16 CH simultaneously playback
- ✔ Search: time slice, time, event, tag and smart search
- ✔ Express and flexible backup via USB, network and so on
- ✔ Pentaplex: preview, record, playback, backup and remote access
- ✔ DHCP, DDNS, PPPoE network protocol
- ✔ Remote control via Web Client or CMS: preview, playback, backup, PTZ and configuration
- ✔ Support remote network transmission and remote surveillance with mobile device Authorization management, log review and device status review
- ✔ 1080P output, true high-resolution display
- ✔ Supports PTZ pre-set and auto cruise, up to 255 pre-sets and 8 cruises
- ✔ Supports NAT function and QR Code scanning by mobile phones
- ✔ Powerful mobile surveillance by smart phones with iOS and Andriod OS

Specifications:

Model	PLC-1816H2/PM-4K
OS	Embedded Linux
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	16CH (up to 16CH) Up to 8MP@20fps; lower than 8MP@30fps
Total Input	32CH
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
Multi-screen Display	1/4/6/8/9/13/16
Input	RCA × 8
Output	RCA × 1 (linear, 600Ω)
Two-way audio	Take up channel one audio input
Compression	G.711(U/A)
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/ 15fps (PAL / NTSC) 4MP Lite/1080P/720P/WD1/D1@25fps / 30fps (PAL / NTSC) IP Channel: 8MP@ 20fps(PAL / NTSC); lower than 8MP@25fps / 30fps (PAL / NTSC)
Bit Rate	32Kbps ~ 5Mbps
Mode	Manual, timed, motion, smart event
Playback	16CH
Search	Time slice / time / event / tag search
Smart Search	Highlight colours to display the camera record in a certain period of time, different colours refer to different record events
Function	Play, pause, FF, FB, digital zoom, etc.
Mode	Manual, motion, exception, smart event, Trigger events (Alarm/Email), Motion Detection, Video loss and tempering protection
Input	16CH
Output	4CH
Interface	RJ 45 1000Mbps × 1
Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, HTTP, HTTPS, NTP, SMTP, IPV4 / IPV6 / ONVIF
Incoming Bandwidth	128Mbps
Outgoing Bandwidth	128Mbps
Client Connection	Max. 10 users' access
OS	iOS, Android

HDD	SATA× 2, up to 10TB per HDD; E-SATA× 1
Local Backup	U disk, USB mobile HDD
Network Backup	Yes
RS 485	Yes (half-duplex), connect to PTZ or keyboard
USB	USB 3.0 × 1; USB2.0 × 1
Remote Controller	Optional
Power Supply	DC12V / 4A
Consumption	≤ 15W (without HDD)
Dimensions(mm)	380 × 268 × 45 (W × D × H)
Working Environment	-10~50°C, 10%~90% (humidity)
Certificate	CE, FCC
Environmental Protection	Comply with Directive EU RoHS, WEEE, REACH

Dimensions:

