

pöllö

Prime Series



16 CHANNEL DVR

PLC-1816H2/PM-4K

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HD

H.265

DDNS

Network

PTZ

Audio

MIC

Mobile

CMS

USB

Mouse

E-mail

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
Input	16CH
Output	4CH
Interface	RJ 45 1000Mbps × 1
Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, HTTP, HTTPS, NTP, SMTP
Incoming Bandwidth	80Mbps
Outgoing Bandwidth	96Mbps
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:

