



8 Megapixel 16 Channel DVR with 2 HDD Slots

PLC-1816H2/PM-4K

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HD



H.265



DDNS



Network



PTZ



Audio



MIC



Mobile



CMS



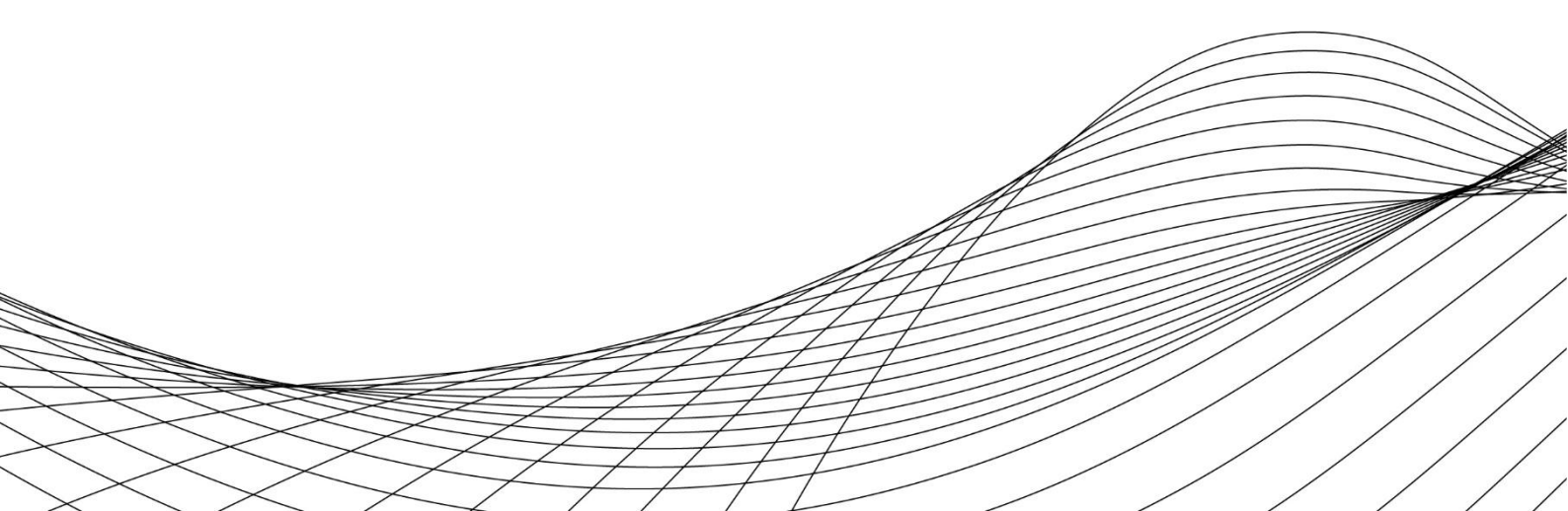
USB



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:

- 🚩 16-channel analog input (TVI / AHD / CVI) up to 8MP
- 🚩 Supports 8-channel IP cameras by default up to 8MP
- 🚩 8 analog channels can be switched to 8 IP channels
- 🚩 H.265 high-profile compression
- 🚩 User-friendly GUI with mouse-based operation
- 🚩 Recording modes: Manual, Scheduled, Motion, Sensor, AI
- 🚩 16-channel simultaneous playback
- 🚩 Search options: Time, Time-slice, Event, Tag, Smart Search
- 🚩 Fast and flexible backup via USB or network
- 🚩 Pentaplex operation: live view, record, playback, backup
- 🚩 Network protocols supported: DHCP, DDNS, PPPoE
- 🚩 Remote access via Web Client or CMS
- 🚩 Dual-stream technology for HD local recording
- 🚩 User authorization, log review, and device status monitoring
- 🚩 HDMI 4K output for ultra-high-resolution display
- 🚩 PTZ control with up to 255 presets and 8 auto-cruise modes
- 🚩 Supports NAT and QR-code setup for mobile access
- 🚩 Mobile surveillance on Android and iOS smartphones

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:

