

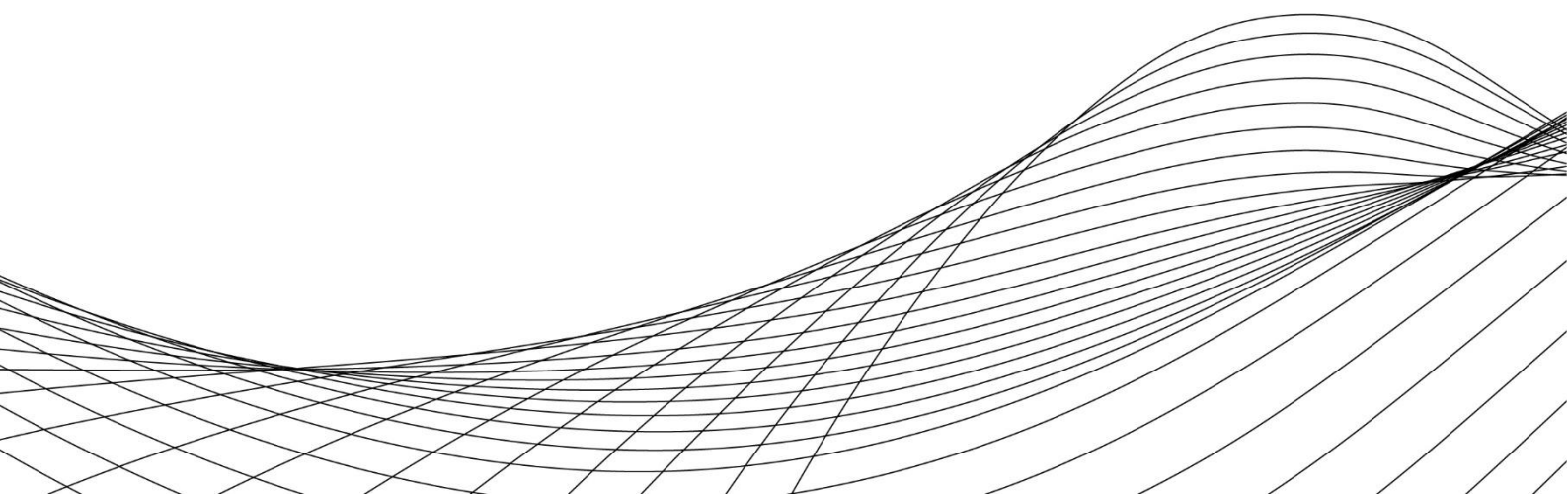
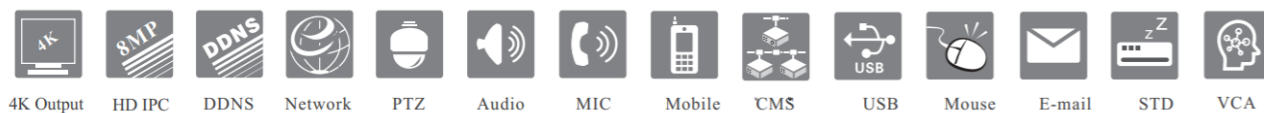


8 Megapixel 16 Channel 4K NVR with 1 HDD Slot

PLC-5816H1/PM-4K

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Overview:

PLC-5816H1/PM-4K supports 16 Channel 08MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P high-definition IP video input, which adopts the most advanced SOC technique to ensure high-definition recording in each channel and realize outstanding robustness of the system. **PLC-5816H1/PM-4K** supports 16 Channel IP input, simultaneous 16 Channel playback, and 4K ultra high-definition display. This product can meet different security requirements of home, financial, commerce, enterprise, transportation and government, etc.

Key Features:

- ✔ Supports 16-channel IP video input with resolutions up to 8MP
- ✔ Advanced video compression support H.265S
- ✔ Intuitive and user-friendly GUI with Windows-style operation
- ✔ Multiple recording modes
- ✔ Simultaneous playback support for 16 channels
- ✔ Powerful search: Time Slice, Time, Event, Tag, and Smart Search
- ✔ Supports multiple VCA (Video Content Analytics)
- ✔ Support object abandoned or missing
- ✔ Support region intrusion detection
- ✔ Support line crossing detection
- ✔ Support video exception alerts
- ✔ POS data overlay supported during live view and playback
- ✔ Fast and flexible backup options via USB, network, and Others
- ✔ Supports common network protocols: DHCP, DDNS, and PPPoE
- ✔ Full remote management via Web Client or CMS
- ✔ Dual-stream technology enables local recording
- ✔ Advanced user authorization management
- ✔ 4K video output for true high-resolution display
- ✔ Supports NAT function and QR code scanning for quick access
- ✔ Powerful mobile surveillance support on iOS and Android

Specifications:

Model	PLC-5816H1/PM-4K
System OS	Embedded Linux
Video Network Input	16CH IPC input
Video Network Input Resolution	8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF
Video Output	HDMI™ × 1 : 3840 × 2160 / 1920 × 1080 / 1280 × 1024/ 1024 × 768 VGA: 1920 × 1080 / 1280 × 1024/ 1024 × 768
Video Screen Display Mode	1/4 /6/8/9/13/16
Video Compression	H.265S / H.265+ / H.265 / H.264
Audio Network Input	16 CH IPC audio input
Audio Local Input	RCA × 1 (for two-way audio)
Audio Local Output	RCA × 1
Audio Compression	G.711(U/A)
Record Resolution	8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF
Record Frame Rate	NTSC:30fps; PAL:25fps
Playback Simultaneous Playback	Max. 16 CH
Playback Search	Time slice / time / event / tag search
Playback Smart Search	Highlighted color to display the camera record in a certain period of time, different colors refers to different record events
Playback Function	Play, pause, FF, FB, digital zoom, etc.
Decoding Capability Live View/ Playback	Non-AI Mode:1×8MP@ 30fps/4×4MP@30fps/ 16×720P@30fps AI Mode: 1×8MP@30fps/ 4×3MP@30fps/9×720P@30fps/16×D1@30fps
Alarm Mode	Manual, sensor, motion, exception, smart events
Alarm Input	Support IPC alarm input
Alarm Output	Support IPC alarm output
Alarm Triggering	Record, snap, preset, e-mail, etc.
Network Interface	RJ 45 1000Mbps × 1
Network Protocol	TCP / IP, IPv4, IPv6, UDP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, HTTP, SMTP, HTTPS, 802.1x, RTSP, RTP, RTCP, FTP, WebSocket, SNMP, IGMP, ONVIF
Network Incoming/ Outgoing Bandwidth	160/160 (Mbps) *When the AI function of the IPC is enabled, the actual incoming bandwidth(max.bitrate) is more than the set value in the NVR.
Network Client Connection	Max. 64 users access
Face Detection Performance (AI by IPC)	16 CH
Face Detection Performance (AI by Device)	2 CH (2MP) or 1CH (4MP)

Face Match Performance	No
Statistical Graph of Information	Bar graph
Statistical Mode of Information	Statistics by day, week, month, quarter as well as customized time period
Human/Vehicle Classification (AI by IPC)	16 CH
Human/Vehicle Classification (AI by Device)	2 CH (2MP) or 1CH (4MP)
Human/Vehicle Attribute Analysis (AI by IPC)	Yes
Fisheye	Supports fisheye dewarping via Web Client and mobile APP
Plate Recognition (AI by IPC)	Yes
OS	iOS, Android
HDD Interface	SATA3.0 × 1, max 10T
Local Backup	U disk, USB mobile HDD
Network Backup	Yes
USB	USB 2.0 × 2
Remote Controller	Optional
Power Supply	DC 12V/1.5A
Consumption	≤ 10W (without HDD)
Dimensions (mm)	300 × 249 × 45 (W × D × H)
Working Environment	-10 ~ 50°C, 10% ~ 90% humidity
Certificate	CE, FCC
Environmental Protection	Complies with Directive EU RoHS, REACH and WEEE

Dimensions:

