



8 Megapixel 16 Channel 4K NVR with 2 HDD

PLC-5816H2/PM-4K-C

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Overview:



PLC-5816H2/PM-4K-C 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-5816H2/PM-4K-C** 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
- ✔ Supports advanced video compression formats: H.265S
- ✔ Intuitive and user-friendly GUI with Windows-style operation
- ✔ Flexible search options
- ✔ Supports multiple VCA (Video Content Analytics) features
- ✔ Support object abandoned or missing
- ✔ Support Region intrusion detection
- ✔ Support Tripwire detection
- ✔ Support video exception alerts
- ✔ POS information overlay supported during live view and playback
- ✔ Simultaneous playback support for 16 channels
- ✔ Fast and flexible backup options via USB, network, and Others
- ✔ Live Preview, Recording, Playback, Backup
- ✔ Supports network protocols: DHCP, DDNS, and PPPoE
- ✔ Full remote management via Web Client or CMS
- ✔ Dual-stream technology for high-definition local recording
- ✔ Supports multiple users online simultaneously
- ✔ Advanced user authorization management
- ✔ 4K ultra-high-definition output
- ✔ Supports NAT function and QR code for quick access
- ✔ Powerful mobile surveillance support on iOS and Android

Specifications:

Model	PLC-5816H2/PM-4K-C
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	4CH alarm input; IPC alarm input supported
Alarm Output	1CH alarm output; IPC alarm output supported
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	384/384 (Mbps)
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 1 CH (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 1 CH (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 × 2, max 10T per HDD
Local Backup	U disk, USB mobile HDD
Network Backup	Yes
USB	USB 2.0 × 2
RS 485	Yes (full-duplex); connect to PTZ or keyboard
Remote Controller	Optional
Power Supply	DC 12V/3A
Consumption	≤ 10W (without HDD)
Dimensions (mm)	380 × 268 × 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:

