



8 Megapixel 8 Channel PoE NVR with 1 HDD Slot

PLC-5808H1/PM-P8



Overview:

This product support 8 CH 8MP/6MP/5MP/4MP/3MP/1080P high-definition IP video input, which adopts the advanced SOC technique to ensure high-definition recording in each channel and realize outstanding robustness of the system.

This product integrates with 8 PoE network ports and support 8 IPC direct connection to NVR, simultaneous 8 CH playback and 4K ultra high-definition display. The product can meet different security requirements of home, financial, commerce, enterprise, transportation and government, etc.

Key Features:

- ✔ Supports 8-channel IP cameras up to 8MP
- ✔ Uses H.265 / H.264 high-profile compression
- ✔ 8-channel simultaneous playback
- ✔ Search options: Time, Time-slice, Event, Tag, Smart Search
- ✔ Supports advanced VCA analytics
- ✔ POS data overlay on live view and playback
- ✔ 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 or CMS
- ✔ 8 PoE ports – IP cameras connect directly
- ✔ Support Dual-stream technology
- ✔ Supports multiple users online simultaneously
- ✔ User authorization, log viewing, and device status monitoring
- ✔ 4K HDMI output for ultra-high-resolution display
- ✔ Supports NAT and QR-code setup for easy mobile access
- ✔ Mobile surveillance on Android and iOS smartphones

Specifications:

Model	PLC-5808H1/PM-P8
System OS	Embedded Linux
Video Network Input	8CH IPC input
Video Network Input Resolution	8MP/6MP/5MP/4MP/3MP/1080P/960P/720P/D1/CIF
Video Output	HDMI TM × 1 : 3840×2160/1920 × 1080 / 1280 × 1024/ 1024 × 768
Video Compression	H.265S / H.265+ /H.265 /H.264
Video Multi-screen Display	1 / 4 / 6 / 8 / 9
Audio Network Input	8 CH IPC audio input
Audio Local Output	No (HDMI TM supports the audio output)
Audio Compression	G.711(U/A)
Record Resolution	8MP/6MP/5MP/4MP/3MP/1080P/960P/720P/D1/CIF
Record Frame Rate	30fps/25fps(NTSC/PAL)
Simultaneous Playback	Max. 8 CH
Playback Search	Time slice / time / event / tag /smart search
Smart Search Playback	Highlighted color to display the camera record in a certain period of time, different colors refer to different record events
Playback Function	Play, pause, FF, FB, digital zoom, etc.
Live View/ Playback	1× 8MP@30fps; 4×1080P@30fps;
Alarm Type	Manual, sensor, motion, exception, smart events, etc.
Alarm Input	Support IPC alarm input
Alarm Output	Support IPC alarm output
Alarm Triggering	Record, snapshot, preset, e-mail, etc.
Network Interface	RJ 45 100Mbps × 1
Network Protocol	TCP/IP, HTTP, HTTPS, 802.1x, DHCP, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IPv6, UDP, WebSocket, PPPoE, SNMP, IGMP
Network Incoming/ Outgoing Bandwidth	64 Mbps/64Mbps *When the AI function of the IPC is enabled, the actual incoming bandwidth(max.bitrate) is more than the set value in the NVR.
Client Connection	Max. 64 users' access
Face Detection Performance (AI by IPC)	8 CH
Human/Vehicle Classification (AI by IPC)	8 CH
Human/Vehicle Attribute Analysis (AI by IPC)	Yes
Fisheye	Supports fisheye dewarping via Web Client/mobile APP
Other AI Events (AI by IPC)	Loitering detection, abandoned/missing object detection, video exception detection
Mobile Device OS	iOS, Android

HDD Interface	SATA3.0 × 1, max 10T per HDD (this limit varies depending on the environment temperature)
Local Backup	U disk, USB mobile HDD
Network Backup	Yes
USB	USB 2.0 × 2
PoE Ports	100M RJ45 × 8
PoE Standards	IEEE802.3AF/AT
Output Power	≤ 72W
Power Supply	DC 48V/1.8A
Consumption	≤ 5W (without HDD, and PoE off)
Dimensions (mm)	202 × 202 × 42.5 (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:

