



16 Megapixel 16 Channel 8K NVR with 4 HDD Slots

PLC-51616H4/PM-8K

www.pollo.net.au

info@pollo.net.au



4K Output



HD IPC



DDNS



Network



PTZ



Audio



MIC



Mobile



CMS



USB



Mouse



E-mail



STD



FR



VCA



Overview:

PLC-51616H4/PM-4K supports 16 Channel 16MP/8MP/6MP/5MP/4MP/3MP/1080P 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-51616H4/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 camera up to 16MP
- ✔ Advanced video compression support H.265S
- ✔ Intuitive and user-friendly GUI with Windows-style operation
- ✔ Multiple recording modes
- ✔ Simultaneous playback support for up to 16 channels
- ✔ Face detection and face comparison support for advanced identification
- ✔ Support object abandoned detection
- ✔ Support region intrusion detection and tripwire detection
- ✔ Support video exception alerts
- ✔ License Plate Recognition (LPR) supported for vehicle monitoring
- ✔ POS data overlay supported during live view and playback
- ✔ Live Preview, Recording, Playback, Backup, and Remote Access
- ✔ Supports network protocols: DHCP, DDNS, and PPPoE
- ✔ Full remote management via Web Client or CMS
- ✔ Dual-stream technology enables high-definition local recording
- ✔ Supports multiple users online simultaneously
- ✔ Advanced user authorization management
- ✔ 4K ultra-high-definition video output
- ✔ Supports PTZ preset positions and auto-cruise functions
- ✔ Supports NAT function and QR code scanning for fast access
- ✔ Powerful mobile surveillance support on iOS and Android

Specifications:

Model	PLC-5816H4/PM-4K
System OS	Embedded Linux
Video Compression	H.265S/H.265+/H.265/H.264
Video IP Video Input	16CH IPC input
Video Resolution	16MP/12MP/9MP/8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/ 960P/720P/960H/D1/CIF
Video Network Bandwidth	192Mbps/192Mbps (incoming/outgoing) *When the AI function of the IPC is enabled, the actual incoming bandwidth(max.bitrate) is more than the set value in the NVR.
Video Output	HDMI™1 : 3840 × 2160/1920 × 1080 / 1280 × 1024 / 1024 × 768 HDMITM2 : 1920 × 1080 / 1280 × 1024 / 1024 × 768 VGA ×1 : 1920 × 1080 / 1280 × 1024 / 1024 × 768 VGA and HDMITM1 output the same video source
Video Multi-screen Display	Main output: 1/4/6/8/9/13/16 (live view) AUX output:1/4/6/8/9 (live view) Max. 16+9CH local live view
Audio Network Input	16 CH IPC audio input
Audio 2-way Audio	RCA × 1
Audio Local Output	RCA × 1
Audio Compression	G.711(U/A)
Record Resolution	16MP/12MP/9MP/8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF
Record Frame Rate	NTSC: 30fps; PAL: 25fps
Playback Simultaneous Playback	Max 16CH
Playback Search	Time slice / time / event / tag / smart 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:1×16MP@30fps/4×6MP@30fps/9×2MP@30fps AI Mode: 1×16MP@30fps/4×5MP@30fps/9×2MP@30fps
Alarm Mode	Manual, sensor, motion, exception, smart events, etc.
Alarm Input	16 CH local alarm input
Alarm Output	4 CH
Alarm Triggering	Record, snap, preset, e-mail, etc.
Face Detection Performance (AI by IPC)	16CH
Face Detection Performance (AI by Device)	2 CH(2MP)

Face Match Performance	6 CH
Comparison Capability	18 pictures / second
Face Picture Database	32 libraries 10000 Face Pictures
Face Picture Search	Search by picture is supported
Database Management	Add, modify, delete and search face pictures
Face Picture Adding	Add face pictures through APP, WEB and external import
Face Picture Comparison	Support allow list, block list and stranger match alarm
Track	Track display on a map
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)	16CH
Human/Vehicle Classification (AI by Device)	2CH (2MP)
Human/Vehicle Attribute Analysis (AI by IPC)	Yes
Fisheye	Supports fisheye dewarping via NVR/Web Client/mobile APP
Plate Recognition (AI by IPC)	Yes
Interface	RJ 45 1000 Mbps × 2
Protocol	TCP / IP, HTTP, HTTPS, 802.1X, FTP, DHCP, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IPv6, IPv4, UDP, WebSocket, PPPoE, SNMP, IGMP
Client Connection	Max.64 users access
OS	iOS, Android
HDD Interface	SATA × 4, max 10T for each HDD
E-SATA Interface	E-SATA × 1
Local Backup	U disk, USB mobile HDD
Network Backup	Yes
RS 485	Yes (full-duplex), connect to PTZ or keyboard
USB	USB 3.0 × 1 ; USB 2.0 × 2
Remote Controller	Optional
Power Supply	ATX 200W
Consumption	≤ 20W (without HDD)
Certificate	CE, FCC
Environmental Protection	Directive EU RoHS, REACH and WEEE
Dimensions(mm)	440 × 390 × 70(W × D × H)
Working Environment	-10 ~ 50 °C, 10% ~ 90% humidity

Dimensions:

