

pöllö

Prime Series



16 CHANNEL NVR

PLC-5816H4/PM-4K

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4K Output



HD IPC



DDNS



Network



PTZ



Audio



MIC



Mobile



CMS



USB



Mouse



E-mail



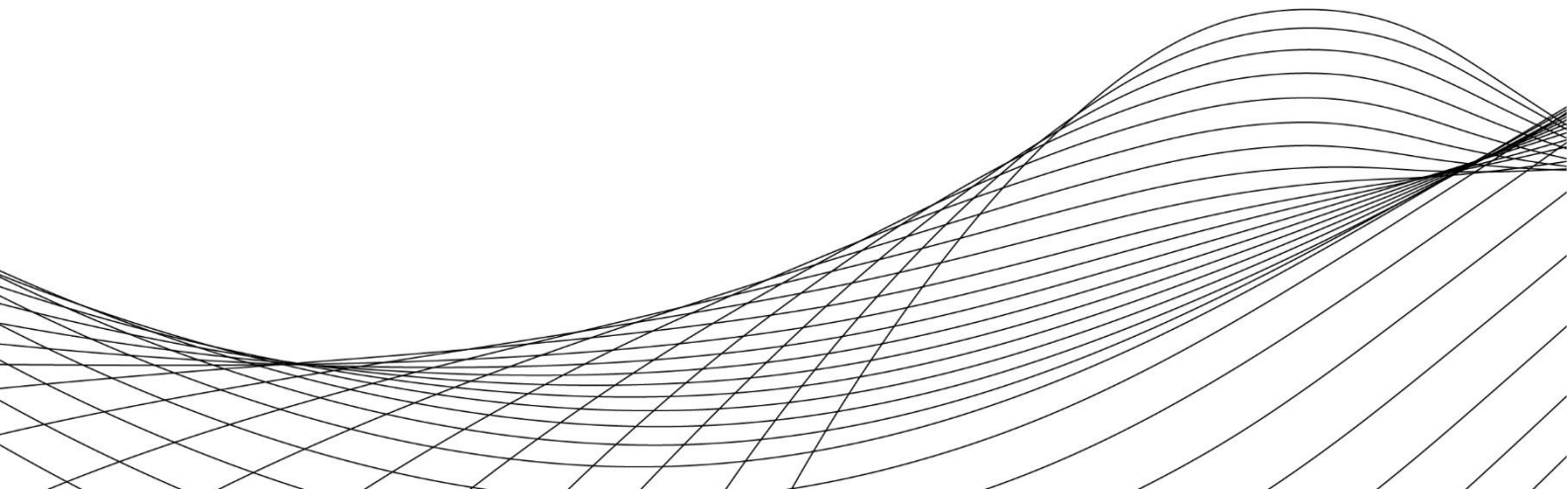
STD



FR



VCA





Overview:

PLC-5816H4/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-5816H4/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:

- ✔ Support 16 Channel 8MP/6MP/5MP/4MP/3MP/1080P/ 1280×1024/960P/720P/960H/DI/CIF IP video input.
- ✔ H.265S/H.265+/H.265/H.264 coding.
- ✔ Intuitive and user-friendly Graphic User Interface (GUI), Windows style operation by mouse.
- ✔ Multi-mode recording: manual / timed / motion / sensor / POS / AI recording
- ✔ Playback: 16 channel simultaneous playback
- ✔ Search: time slice, time, event, tag, smart search
- ✔ Support multiple VCA (Video Content Analytics) events, such as object abandoned/missing, region intrusion, tripwire, video exception, etc.
- ✔ Support POS information overlay on live view and playback.
- ✔ Express and flexible backup via USB, network and so on
- ✔ Pentaplex: preview, record, playback, backup and remote access
- ✔ DHCP, DDNS, PPPoE network protocol
- ✔ Remote control via Web Client or CMS: preview, playback, backup, PTZ and configuration.
- ✔ Dual stream technology for local storage with high definition, remote network transmission and remote surveillance with mobile device
- ✔ Authorization management, log view and device status view
- ✔ 4K output, true high-resolution display
- ✔ Support NAT function and QR Code scanning by mobile phones
- ✔ Powerful mobile surveillance by smart phones with iOS and Android OS

Specifications:

Model	PLC-5816H4/PM-4K
OS	Embedded Linux
Compression	H.265S/H.265+/H.265/H.264
IP Video Input	16CH IPC input
Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF
Network Bandwidth	160Mbps/160Mbps (incoming/outgoing)
Output	HDMI1: 3840 × 2160/1920 × 1080 / 1280 × 1024 / 1024 × 768
	HDMI2: 1920 × 1080 / 1280 × 1024 / 1024 × 768
	VGA ×1: 1920 × 1080 / 1280 × 1024 / 1024 × 768
	VGA and HDMI1 output the same video source
Network Input	16 CH IPC audio input
2-way Audio	RCA × 1
Local Output	RCA × 1
Compression	G.711(U/A)
Record Stream	Dual stream recording
Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF
Frame Rate	NTSC: 30fps; PAL: 25fps
Simultaneous Playback	Max 16CH
Search	Time slice / time / event / tag / smart search
Smart Search	Highlighted color to display the camera record in a certain period of time, different colors refer to different record events
Function	Play, pause, FF, FB, digital zoom, etc.
Live View/ Playback	1CH 12MP/4CH 1080P
	Dual output mode (default mode): supports HDMI2 output, but doesn't support AI by device
Mode	AI mode: HDMI2 output and 12MP video input (live view/playback) are unavailable, but 8MP video input supports
Dual Output Mode	16CH (HDMI1) +9CH (HDMI2)
AI Mode	16CH(HDMI1)
Mode	Manual, sensor, motion, exception, smart events, etc.
Input	16 CH local alarm input
Output	4 CH
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	Yes
Fisheye	Supports fisheye dewarping via Web Client and mobile APP
Plate Recognition	Yes
Interface	RJ 45 1000 Mbps × 2
Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP, HTTP, HTTPS, 802.1x, RTSP, SNMP, ONVIF, etc.
Client Connection	Max.10 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 250W
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:

