

# pöllö

*Prime Series*



## 16 CHANNEL NVR

# 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:

- ✔ 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:

<b>Model</b>	<b>PLC-5816H1/PM-4K</b>
<b>System</b>	Embedded Linux
<b>Video Network Input</b>	16 channel IPC input
<b>Network Input Resolution</b>	8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF
<b>Video Output</b>	HDMI × 1: 3840× 2160 / 1920 × 1080 / 1280 × 1024/1024 × 768 VGA: 1920 × 1080 / 1280 × 1024/ 1024 × 768
<b>Compression</b>	H.265S / H.265+ /H.265 /H.264
<b>Audio Network Input</b>	16 channel IPC audio input
<b>2-way Audio</b>	RCA × 1
<b>Local Output</b>	RCA × 1
<b>Compression</b>	G.711(U/A)
<b>Decoding Capability</b>	1CH 8MP; 4CH 1080P
<b>Record Stream</b>	Dual stream recording
<b>Resolution</b>	8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF
<b>Frame Rate</b>	N:30fps; P:25fps
<b>Simultaneous Playback</b>	Max. 16 channel
<b>Play Back Search</b>	Time slice / time / event / tag /smart search
<b>Play Back Smart Search</b>	Highlighted colour to display the camera record in a certain period of time, different colours refer to different record events
<b>Play Back Function</b>	Play, pause, FF, FB, digital zoom, etc.
<b>Live View/ Playback</b>	1CH 6MP; 4CH 720P
<b>Alarm Mode</b>	Manual, sensor, motion, exception, smart events
<b>Alarm Input</b>	Support IPC alarm input
<b>Alarm Output</b>	Support IPC alarm output
<b>Alarm Triggering</b>	Record, snapshot, buzzer, pre-set, e-mail, etc.
<b>Interface</b>	RJ 45 1000Mbps × 1
<b>Network Protocol</b>	TCP / IP, I v4, I v6, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP, HTTP, HTTPS, 802.1x, RTSP, SNMP, ONVIF, etc.
<b>Bandwidth</b>	Incoming: 112Mbps Outgoing: 112Mbps
<b>Client Connection</b>	Max. 10 users' access
<b>Plate Recognition</b>	Yes
<b>Mobile Device</b>	iOS, Android
<b>Storage</b>	SATA3.0 × 1, max 8T
<b>Local Backup</b>	U disk, USB mobile HDD
<b>Network Backup</b>	Yes
<b>USB</b>	USB 2.0 × 2
<b>Remote Controller</b>	Optional
<b>Power Supply</b>	DC 12V/1.5A
<b>Consumption</b>	≤ 10W (without HDD)
<b>Dimensions (mm)</b>	300 × 249 × 45 (W × D × H)
<b>Working Environment</b>	-10 ~ 50°C, 10% ~ 90% humidity
<b>Certificate</b>	CE, FCC
<b>Environmental Protection</b>	Complies with Directive EU RoHS, REACH and WEEE

**Dimensions:**

