# pöllö
## *Prime Series*



# 08 CHANNEL DVR

## PLC-1808H2/PM-4K
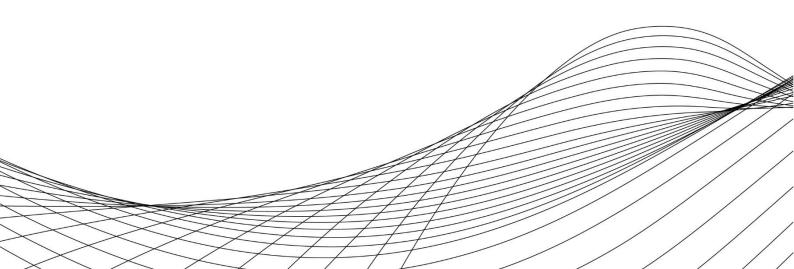
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| HD | H.265 | DDNS | Network | PTZ | Audio | MIC | Mobile | CMS | USB | Mouse | E-mail |

# Overview:

**PLC-1808H2/PM-4K** is a 8 CH 8MP / 5MP / 4MP / 3MP / 1080P / 720P / WD1 high-definition DVR with ability to connect analog and IP cameras simultaneously. PC-1808H2/PM-4K supports 8CH video input, 8 CH audio input, and simultaneous 8 CH playback. The series of product can meet different security requirements of home, financial, commerce, enterprise, transportation and government, etc.

# Key Features:

- 8 CH TVI/AHD/CVI 8MP/5MP/4MP/3MP/1080P/720P/WD1video input

- 8 CH DVR supports 2CH 8MP / 5MP / 4MP / 3MP / 1080P / 720P / WD1 IP video input by default

- 8 CH analog video input can be switched to 8CH IP video input

- Adopt standard H.265 high profile compression format to get high-quality video at much lower bit rate

- Intuitive and user-friendly Graphics User Interface (GUI), window style operation by mouse

- Multi-mode recording: manual / timed / motion

- Playback: 8 CH simultaneously playback

- Search: time slice, time, event, tag and smart search

- 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 review and device status review

- HDMI 4K output, true high-resolution display

- Support PTZ preset and auto cruise, up to 255 presets and 8 cruises

- Support NAT function and QR Code scanning by mobile phones

- Powerful mobile surveillance by smart phones with iOS and Android OS

## Specifications:

| Model | PLC-1808H2/PM-4K |
|---|---|
| OS | Embedded Linux |
| Analog Video Input | BNC × 8<br>BNC interface (1.0Vp-p; 75Ω)<br>TVI/AHD/CVI: 4K@15fps, 5MP@20fps, 4MP/3MP/1080P/720P/WD1@30fps (live) |
| IP Video Input | 8CH (up to 16CH)<br>Up to 8MP@20fps; lower than 8MP@30fps |
| Total Input | 16CH |
| Output | HDMI × 1: 3840 × 2160 / 1920 × 1080 / 1280 × 1024 / 1024 × 768<br>VGA × 1: 1920 × 1080 / 1280 × 1024 / 1024 × 768<br>BNC × 1: CVBS (used as the main or spot output) |
| Compression | H.264/H.265 |
| Multi-screen Display | 1/4/6/8/9/13/16 |
| Input | RCA × 8 |
| Output | RCA × 1 (linear, 600Ω) |
| Two-way audio | Take up channel one audio input |
| Compression | G.711(U/A) |
| Resolution | 4K/4K Lite/5MP/5MP Lite/4MP/4MP Lite / 3MP/1080P/720P/WD1/D1 |
| Frame Rate | Analog Channel:<br>4K@6fps/7fps (PAL/NTSC)<br>4K Lite@12fps/15fps (PAL/NTSC) 5MP@12fps (PAL / NTSC)<br>5MP Lite@20fps (PAL / NTSC)<br>4MP/3MP@12fps/ 15fps (PAL / NTSC)<br>4MP Lite/1080P/720P/WD1/D1@25fps / 30fps (PAL / NTSC)<br>IP Channel: 8MP@ 20fps (PAL / NTSC); lower than 8MP@25fps / 30fps (PAL / NTSC) |
| Bit Rate | 32Kbps ~ 5Mbps |
| Mode | Manual, timed, motion, smart event |
| Playback | 8CH |
| Search | Time slice / time / event / tag search |
| Smart Search | Highlight colours to display the camera record in a certain period of time, different colours refer to different record events |
| Function | Play, pause, FF, FB, digital zoom, etc. |
| Mode | Manual, motion, exception, smart event |
| Input | 8CH |
| Output | 2CH |
| Interface | RJ 45 1000Mbps × 1 |
| Protocol | TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, HTTP, HTTPs, NTP, SMTP |
| Incoming Bandwidth | 32Mbps |
| Outgoing Bandwidth | 96Mbps |
| Client Connection | Max. 10 users access |
| OS | iOS, Android |

| HDD | SATA× 2, up to 10TB per HDD; E-SATA× 1 |
|---|---|
| Local Backup | U disk, USB mobile HDD |
| Network Backup | Yes |
| RS 485 | Yes (half-duplex), connect to PTZ or keyboard |
| USB | USB 3.0 × 1; USB2.0 × 1 |
| Remote Controller | Optional |
| Power Supply | DC12V / 4A |
| Consumption | ≤ 15W (without HDD) |
| Dimensions(mm) | 380 × 268 × 45 (W × D × H) |
| Working Environment | -10~50°C, 10%~90% (humidity) |
| Certificate | CE, FCC |
| Environmental Protection | Comply with Directive EU RoHS, WEEE, REACH |

# Dimensions: