

# pöllö

*Prime Series*



## 64 CHANNEL NVR

# PLC-51664H8/PM-8K

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4K Output



16MP



DDNS



Network



PTZ



Audio



MIC



Mobile



CMS



USB



Mouse



E-mail



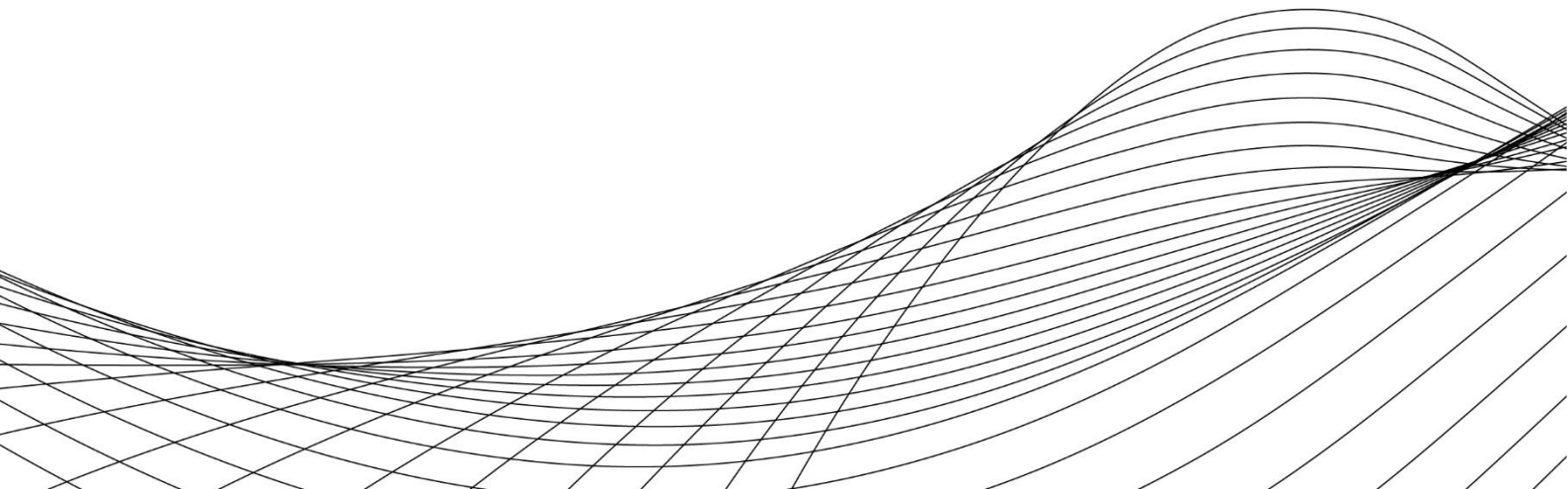
STD



FR



VCA





## Overview:

**PLC-51664H8/PM-8K** supports 64 CH 16MP/12MP /8MP / 6MP / 5MP / 4MP / 3MP / 1080P / 1280 × 1024 / 960P /720P 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.

**PLC-51664H8/PM-8K** supports 64 CH IP input, simultaneous 16 CH playback, and 4K high-definition display. So, it can meet different security requirements of home, financial, commerce, enterprise, transportation and government, etc.

## Key Features:

- ✔ Support 64 16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P IP input
- ✔ H.265S/H.265+/H.265/H.264 coding
- ✔ Intuitive and user-friendly Graphic User Interface, Windows style operation by mouse
- ✔ Multi-mode recording: manual / timed / motion / sensor/ POS / AI recording
- ✔ Playback: 16 CH simultaneous playback
- ✔ Search: time slice, time, event, tag, smart and target database search
- ✔ Support face detection and comparison
- ✔ Support multiple VCA events, such as region intrusion, tripwire, etc.
- ✔ Support OS information overlay on live view and playback
- ✔ Support RAID 0, 1, 5, 6, 10
- ✔ Express and flexible backup via USB, network and so on
- ✔ Preview, record, playback, backup and remote access are supported
- ✔ DHCP, DDNS, PPPoE network protocol, etc.
- ✔ Compatible with third-party IPCs, such as ONVIF, Hikvision, etc.
- ✔ Remote control via Web Client or CMS : preview, playback, backup, PTZ and configuration
- ✔ Multi-user online simultaneously
- ✔ Authorization management, log view and device status view
- ✔ 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:

<b>Model</b>	<b>PLC-51664H8/PM-8K</b>
<b>System OS</b>	Embedded Linux
<b>Video IP Video Input</b>	64
<b>Video Network Bandwidth</b>	Incoming: 512Mbps Outgoing: 512Mbps
<b>Video Resolution</b>	16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280x1024/960P/720P/960H/D1/CIF
<b>Video Output</b>	HDMITM1: 3840x2160@60, 3840x2160@30, 1920x1080, 1280x1024, 1024x768 HDMITM2: 3840x2160@60, 3840x2160@30, 1920x1080, 1280x1024, 1024x768 VGAx1: 1920x1080, 1280x1024, 1024x768 (VGA and HDMITM1 output the same video source)
<b>Video Multi-screen Display</b>	Main output: 1/4/6/8/9/13/16/25/32/36/64 AUX output: 1/4/6/8/9/13/16
<b>Video Compression</b>	H.264/H.265/H.265+/H.265S
<b>Audio Network input</b>	64
<b>Audio Local Input</b>	RCAx1 (for two-way talk)
<b>Audio Local Output</b>	RCAx1
<b>HDMITM Audio Output</b>	Support
<b>Audio Compression</b>	G.711(U/A)
<b>Record Resolution</b>	16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280x1024/960P/720P/960H/D1/CIF
<b>Record Frame Rate</b>	N:30fps ; P:25fps
<b>Simultaneous Playback</b>	16CH
<b>Playback Search</b>	Time slice/time/event/tag/smart search
<b>Playback Function</b>	Play, pause, FF, Rewind, digital zoom, previous frame, next frame, etc.
<b>Live View/ Playback</b>	Non-AI mode: 4x16MP@30fps, 9x6MP@30fps, 16x4MP@30fps AI mode: 4x12MP@30fps, 9x5MP@30fps, 16x3MP@30fps
<b>Alarm Mode</b>	Manual, sensor, motion, exception, smart events, etc.
<b>Alarm Input</b>	16CH
<b>Alarm Output</b>	4CH
<b>Alarm Triggering</b>	Record, snapshot, preset, e-mail, etct.
<b>Face Detection Performance (AI by IPC)</b>	64CH
<b>Face Detection Performance (AI by Device)</b>	4CH(4MP)
<b>Face Match Performance Comparison Capability</b>	16CH 36 pictures/second
<b>Face Picture Database</b>	32 libraries 10000 face pictures
<b>Face Picture Search</b>	Search by picture is supported
<b>Database Management</b>	Add, modify, delete and search face pictures

<b>Face Picture Adding</b>	Add face pictures through APP, WEB and external import
<b>Face Picture Comparison</b>	Supports successful face recognition alarm and stranger match alarm
<b>Track</b>	Track display on a map
<b>Statistical Graph of Information</b>	Bar graph
<b>Statistical Mode of Information</b>	Statistics by day, week, month, quarter as well as customized time period
<b>Human/Vehicle Classification (AI by IPC)</b>	64CH
<b>Human/Vehicle Classification (AI by Device)</b>	8CH (2MP)
<b>Human/Vehicle Attribute Analysis (AI by IPC)</b>	Yes
<b>Fisheye</b>	Supports fisheye dewarping via NVR/Web Client/mobile APP
<b>Smart Features</b>	AI-by-camera functions such as perimeter protection, face detection and recognition, SMD Plus, video metadata, ANPR and 3D behavior analysis
<b>Plate Recognition (AI by IPC)</b>	Yes
<b>Protocol</b>	TCP/IP, HTTP, HTTPS, 802.1x, FTP, DHCP, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IPv6, UDP, WebSocket, PPPoE, SNMP, IGMP
<b>Interface</b>	RJ45 10/100/1000Mbps x2
<b>Client Connection</b>	Max. 128 users access
<b>OS</b>	iOS, Andriod
<b>HDD Interface</b>	SATAx 8, max 10TB per HDD
<b>RAID Type</b>	RAID0,1,5,6,10
<b>E-SATA Interface</b>	2
<b>USB</b>	USB3.0x 1 ; USB2.0 x 2(Front:1) ;
<b>RS485</b>	Yes (full-duplex)
<b>Remote Controller</b>	Optional
<b>Power</b>	ATX-200W
<b>Consumption</b>	≤ 30W (without HDD)
<b>Dimensions</b>	445 × 436 × 90mm (WxDxH)
<b>Certificate</b>	CE, FCC
<b>Environmental Protection</b>	Directive EU RoHS, WEEE(2012/19/EU) , Directive 94/62/EC and REACH(EC1907/2006)
<b>Working Environment</b>	-10~50°C; Humidity: 10%~90%

## Dimensions:

