



## 32 CHANNEL NVR

**PLC-51632H2/PM-8K**

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4K Output



8MP



DDNS



Network



PTZ



Audio



MIC



Mobile



CMS



USB



Mouse



E-mail



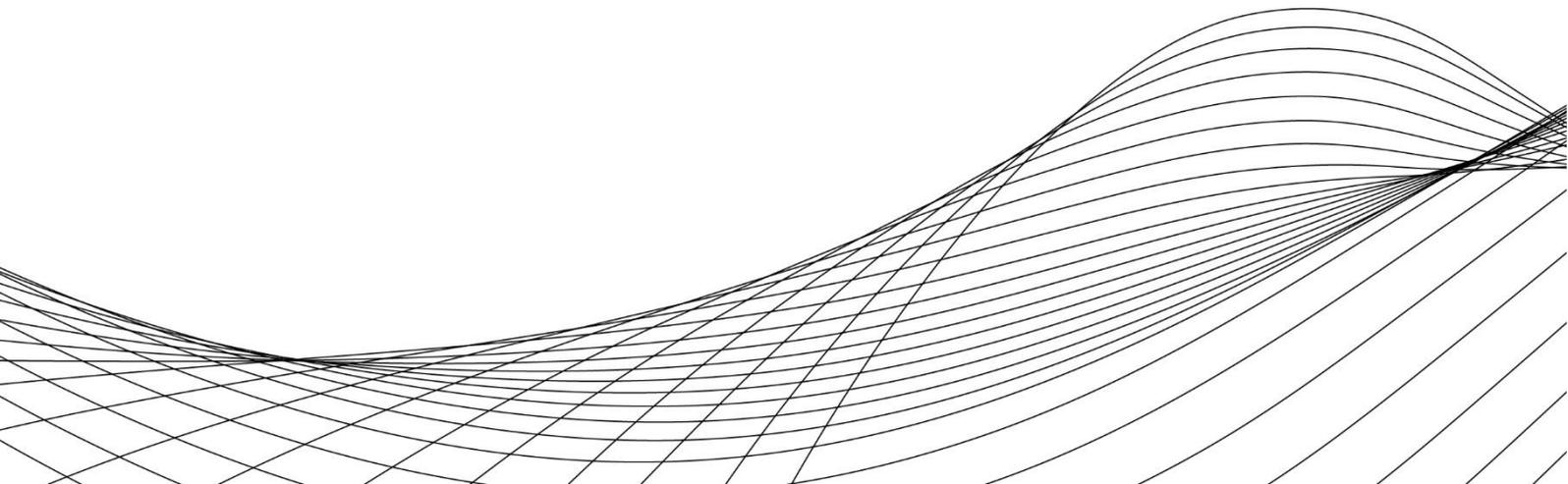
STD



FR



VCA





## Overview:

**PLC-51632H2/PM-8K** supports 32 Channel 16MP/12MP/8MP/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-51632H2/PM-8K** supports 32 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 32 Channel 16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P 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-51632H2/PM-8K</b>
<b>System OS</b>	Embedded Linux
<b>Video Compression</b>	H.265S/H.265+/H.265/H.264
<b>Video IP Video Input</b>	32CH IPC input
<b>Video Resolution</b>	16MP/12MP/9MP/8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/ 960P/720P/960H/D1/CIF
<b>Network Bandwidth</b>	320Mbps/320Mbps (incoming/outgoing)
<b>Output</b>	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
<b>Multi-screen Display</b>	Main output: 1/4/6/8/9/13/16/25/32/36 (live view) AUX output: 1/4/6/8/9(live view) Max. 32+9CH local live view
<b>Audio Network Input</b>	32 CH IPC audio input
<b>2-way Audio</b>	RCA × 1
<b>Audio Local Output</b>	RCA × 1
<b>Audio Compression</b>	G.711(U/A)
<b>Record Resolution</b>	16MP/12MP/9MP/8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF
<b>Playback Frame Rate</b>	NTSC: 30fps; PAL: 25fps
<b>Playback Simultaneous Playback</b>	Max 16CH
<b>Playback Search</b>	Time slice / time / event / tag / smart search
<b>Playback Smart Search</b>	Highlighted color to display the camera record in a certain period of time, different colors refers to different record events
<b>Function</b>	Play, pause, FF, FB, digital zoom, etc.
<b>Decoding Capability Live View/ Playback</b>	Non-AI Mode:1×16MP@30fps/4×6MP@30fps/9×2MP@30fps/16×720P@30fps AI Mode: 1×16MP@30fps/4×5MP@30fps/9×2MP@30fps/16×720P@30fps
<b>Alarm Mode</b>	Manual, sensor, motion, exception, smart events, Video loss and tempering protection, etc.
<b>Alarm Input</b>	8 CH local alarm input
<b>Alarm Output</b>	4 CH
<b>Alarm Triggering</b>	Record, snap, preset, e-mail, etc.
<b>Face Detection Performance (AI by IPC)</b>	32CH
<b>Face Detection Performance (AI by Device)</b>	2 CH (2MP)
<b>Face Match Performance Comparison Capability</b>	6 CH 18 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>	Support allow list, block list 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>	32 CH
<b>Human/Vehicle Classification (AI by Device)</b>	2CH (2MP)
<b>Human/Vehicle Attribute Analysis(AI by IPC)</b>	Yes
<b>Fisheye</b>	Supports fisheye dewarping via NVR/Web Client/mobile APP
<b>Plate Recognition (AI by IPC)</b>	Yes
<b>Interface Protocol</b>	RJ 45 1000 Mbps × 2 TCP / IP, HTTP, HTTPS, 802.1X, FTP, DHCP, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IPv6, IPv4, UDP, WebSocket, PPPoE, SNMP, IGMP
<b>Client Connection OS</b>	Max. 128 users access iOS, Andriod
<b>HDD Interface</b>	SATA × 2, max 10T for each HDD
<b>Local Backup</b>	U disk, USB mobile HDD
<b>Network Backup</b>	Yes
<b>RS 485</b>	Yes (full-duplex), connect to PTZ or keyboard
<b>USB</b>	USB 3.0 × 1 ; USB 2.0 × 2
<b>Remote Controller</b>	Optional
<b>Power Supply</b>	DC12V/4A
<b>Consumption</b>	≤ 20W ( without HDD )
<b>Certificate</b>	CE, FCC
<b>Environmental Protection</b>	Complies with Directive EU RoHS, REACH and WEEE
<b>Dimensions(mm)</b>	380 × 268 × 48.1 ( W × D × H )
<b>Working Environment</b>	-10 ~ 50 °C, 10% ~ 90% humidity

## Dimensions:

