



**16 Megapixel 32 Channel
8K NVR with 8 HDD Slots**

PLC-51632H8/PM-4K

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Overview:

PLC-51632H8/PM-4K supports 32 Channel 16MP/12MP/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-51632H8/PM-4K** 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:

- ✔ Supports 32 -channel IP camera up to 16MP
- ✔ Advanced video compression support H.265S
- ✔ Intuitive and user-friendly GUI with Windows-style operation
- ✔ Multiple recording modes
- ✔ Simultaneous playback support for up to 16 channels
- ✔ Face detection and face comparison support for advanced identification
- ✔ Supports multiple VCA
- ✔ Support object abandoned or missing and region intrusion detection
- ✔ Support tripwire detection and video exception alerts
- ✔ License Plate Recognition (LPR) supported for vehicle monitoring
- ✔ POS data overlay supported during live view and playback
- ✔ Live Preview, Recording, Playback, Backup, and Remote Access
- ✔ Supports network protocols: DHCP, DDNS, and PPPoE
- ✔ Compatible with third-party IP cameras
- ✔ Full remote management via Web Client or CMS
- ✔ Dual-stream technology enables high-definition local recording
- ✔ Supports multiple users online simultaneously
- ✔ Advanced user authorization management
- ✔ 4K ultra-high-definition video output
- ✔ Supports PTZ preset positions and auto-cruise functions
- ✔ Supports NAT function and QR code scanning for fast access
- ✔ Powerful mobile surveillance support on iOS and Android.

Specifications:

Model	PLC-51632H8/PM-4K
OS	Embedded Linux
IP Video Input	32 CH IPC input
Incoming/Outgoing Bandwidth	320Mbps / 320Mbps
IP Video Input Resolution	16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960 H/D1/CIF
Output	HDMI1: 3840×2160@60fps/3840×2160@30fps/ 1920×1080/1280×1024/1024×768 HDMI2: 1920×1080/1280×1024/1024×768 VGA × 1 : 1920×1080/1280×1024/1024×768
Compression	H.265S/ H.265+/ H.265/ H.264
Multi-screen Display	1/4/6/8/9/13/16/25/32/36
Network Input	32 CH IPC audio input
2-way Audio	RCA × 1
Local Output	RCA × 1
Compression	G. 711 (A/U)
Record Stream	Dual stream recording
Record Resolution	16MP/12MP/9MP/8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720 P/960H/D1/CIF
Simultaneous Playback	Max 16 CH
Search	Time slice / time / event / tag search
Smart Search	Highlighted colour 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.
Decoding Capability Live View/ Playback	Non-AI Mode:1×16MP@30fps/4×6MP@30fps/9×2MP@30fps AI Mode: 1×16MP@30fps/4×5MP@30fps/9×2MP@30fps
Mode	Manual, sensor, motion, exception, smart events
Input	8 CH local alarm input; supports IPC alarm input
Output	4 CH
Triggering	Record, snapshot, buzzer, pre-set, e-mail, etc.
Channel	32 CH
Face Picture Database	32 libraries 5000 Face Pictures
Computing Capability	180 pictures / minute
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
Statistic Graph of Face Information	Bar graph
Statistic Mode of Face Information	Statistics by day, week, month, quarter as well as customized time period
Human/Vehicle Classification	Yes
Fisheye	Supports fisheye deworming via Web Client and mobile APP

Plate Recognition	Yes
Interface	RJ45 10/100/1000 Mbps × 2
Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP, HTTP, HTTPS, 802.1x, ONVIF, etc.
Client Connection	Max.20 users' access
OS	iOS, Android
HDD Interface	SATA×8, up to 10TB per HDD; e-SATA×2
RAID	RAID0, RAID1, RAID5, RAID6, RAID10
Local Backup	U disk, USB mobile HDD
Network Backup	Yes
USB	USB2.0×2, USB3.0×1
RS 485	Yes (full-duplex); connect to PTZ or keyboard
Remote Controller	Yes
Power Supply	ATX 250W
Consumption	≤ 30W (without HDD)
Dimensions(mm)	445×436×90(W×D×H)
Working Environment	-10 ~50 °C, 10% ~ 90% humidity
Certificate	CE, FCC
Environmental Protection	Directive EU RoHS, REACH and WEEE

Dimensions:

