



16 Megapixel 64 Channel 8K NVR with 16 HDD Slots

PLC-51664H16/PM-8K

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Overview:



PLC-51664H16/PM-8K supports 64 Channel 16MP/12MP/08MP/6MP/5MP/4MP/3MP /1080P 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-51664H16/PM-8K** supports 64 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 64-channel IP camera input with resolutions up to 16MP
- ✔ Advanced video compression support H.265S
- ✔ Intuitive, user-friendly GUI with Windows-style operation
- ✔ Simultaneous playback support for up to 16 channels
- ✔ Advanced search options
- ✔ Supports face detection and face comparison for advanced identification
- ✔ Supports multiple VCA (Video Content Analytics) functions
- ✔ Support region intrusion detection
- ✔ Support tripwire detection
- ✔ POS (Point of Sale) information overlay supported
- ✔ Supports RAID 0 / 1 / 5 / 6 / 10 for enhanced data protection
- ✔ Fast and flexible backup options via USB, network, and external storage
- ✔ Supports network protocols: DHCP, DDNS, PPPoE, and more
- ✔ Compatible with third-party IP cameras
- ✔ Full remote management via Web Client or CMS
- ✔ Supports multiple users online simultaneously
- ✔ Advanced user authorization management
- ✔ 4K ultra-high-definition video output for true high-resolution display
- ✔ Supports PTZ preset and auto-cruise functions
- ✔ Supports NAT function and QR code scanning for quick access
- ✔ Powerful mobile surveillance support on iOS and Android

Specifications:

Model	TD-3364H16-A3H
System OS	Embedded Linux
Video IP Video Input	64CH
Video Network Bandwidth	640Mbps/ 640Mbps (Incoming/Outgoing)
Video Resolution	16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280x1024/960P/720P/960H/D1/CIF
Video Output	HDMI™1: 7680×4320@60, 7680×4320@30, 3840×2160@60, 3840×2160@30, 1920×1080, 1280×1024, 1024×768 (When the resolution of HDMI™1 output is 8K, HDMI™2 is unavailable and the maximum resolution of HDMI™3 output is 1920×1080) HDMI™2: 3840×2160@60, 3840×2160@30, 1920×1080, 1280×1024, 1024×768 HDMI™3: 3840×2160@60, 3840×2160@30, 1920×1080, 1280×1024, 1024×768 HDMI™4: 1920×1080, 1280×1024, 1024×768 VGA×1: 1920×1080, 1280×1024, 1024×768 (VGA and HDMI™1 output the same video source)
Video Multi-screen Display	Main output:1/4/6/8/9/13/16/25/32/36/64 AUX output 1:1/4/6/8/9/13/16/25/32/36 AUX output2:1/4/6/8/9/13/16 AUX output 3:1/4/6/8/9/13/16 Max. 132(64+36+16+16)
Video Compression	H.264/H.265/H.265+/H.265S
Audio Network input	64CH
Audio Local Input	RCA×1 (for two-way talk)
Audio Local Output	RCA×1
Audio HDMI™ Audio Output	Support
Audio Compression	G.711(U/A)
Record Resolution	16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280x1024/960P/720P/960H/D1/CIF
Record Frame Rate	N:30fps ; P:25fps
Record Simultaneous Playback	16CH
Record Search	Time slice/time/event/tag/smart search
Record Function	Play, pause, FF, Rewind, digital zoom, previous frame, next frame, etc.

Decoding Capability Live View/Playback	Non-AI mode(default mode): 1×16MP@30fps/4×16MP@30fps /9×6MP@30fps /16×4MP@30fps /36×720P@30fps (AI by device not supported) AI Mode:1×16MP@30fps/4×12MP@30fps/9×5MP@30fps/16×3MP@30fps/36×720P@30fps(AI by device supported)
Alarm Mode	Manual, sensor, motion, exception, smart events, etc.
Alarm Input	24CH
Alarm Output	8CH
Alarm Triggering	Record, snapshot, preset, e-mail, etc.
Face Detection Performance (AI by IPC)	64CH
Face Detection Performance (AI by Device)	4CH(4MP)
Face Match Performance	16CH
Comparison Capability	36 pictures/second
Face Picture Database	32 libraries 10000 face pictures
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	Supports successful face recognition alarm and stranger match alarm
Track	Track display on a map
Statistical Graph of Information	Bar graph
Statistical Mode of Information	Statistics by day, week, month, quarter as well as customized time period
Human/Vehicle Classification (AI by IPC)	64CH
Human/Vehicle Classification (AI by Device)	8CH(2MP)
Human/Vehicle Attribute Analysis (AI by IPC)	Yes
Fisheye	Supports fisheye dewarping via NVR/Web Client/mobile APP
Plate Recognition (AI by IPC)	Yes
Protocol	TCP/IP, HTTP, HTTPS, 802.1x, FTP, DHCP, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IPv6, UDP, WebSocket, PPPoE, SNMP, IGMP
Interface	RJ45 10/100/1000Mbps ×2
Client Connection	Max. 128 users access
OS	iOS, Andriod
HDD Interface	SATA× 16, max 10TB per HDD
RAID Type	RAID0,1,5,6,10
E-SATA Interface	2

USB	USB3.0× 1 ; USB2.0 ×3(Front:2) ;
RS485	Yes (full-duplex), connect to PTZ or keyboard
RS232	Yes
Reset	Yes
Remote Controller	No
Power	ATX-275W
Consumption	≤50W (without HDD)
Dimensions	437 × 483 × 143mm
Certificate	CE,FCC
Environmental Protection	Directive EU RoHS, WEEE(2012/19/EU) , Directive 94/62/EC and REACH(EC1907/2006)
Working Environment	-10~50°C; Humidity: 10%~90%

Dimensions:

