pöllö

Prime Series



32 CHANNEL NVR

PLC-51632H2/PM-4K-C

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Overview:



PLC-51632H2/PM-4K-C 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-4K-C** 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 32CH 16MP/12MP/9MP/8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/ 960P/ 720P/960H/D1/CIF IPC Input
- H.265S/H.265+/H.265/H.264/MJPEG
- Intuitive and user-friendly Graphic User Interface (GUI), Windows style operation by mouse
- Multi-type recording: manual / timed / motion / sensor / POS / AI recording Playback : 16 CH simultaneous playback
- Search : time slice, time, event, tag and smart search Support face detection and comparison
- Support multiple VCA (Video Content Analytics) events, such as object abandoned/missing, region intrusion, tripwire, video exception, etc.
- Support license plate recognition
- Support POS information overlay on live view and playback
- Pentaplex : preview, record, playback, backup and remote access DHCP, DDNS, PPPoE network protocol
- Compatible with third-party IPCs, such as ONVIF, Hikvision, etc.
- 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
- Multi-user online simultaneously
- Authorization management, log view and device status view 4K output, true high resolution display
- Support PTZ preset and auto cruise
- Support NAT function and QR Code scanning by mobile phones
- Powerful mobile surveillance by smart phones with iOS and Andriod OS

Specifications:

Model	**PLC-51632H2PM-4K-C**
OS	Embedded Linux
Compression	H.265S/H.265+/H.265/H.264/MJEPG
IP Video Input	32CH IPC input
Resolution	16MP/12MP/9MP/8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/
	960P/ 720P/960H/D1/CIF
Network Bandwidth	320Mbps/320Mbps (incoming/outgoing)
	*When the AI function of the IPC is enabled, the actual incoming bandwidth (max. bitrate) is more than the set value in the NVR.
Output	HDMI1: 3840 × 2160/1920 × 1080 / 1280 × 1024 / 1024 × 768 HDMI2: 1920 × 1080 / 1280 × 1024 / 1024 × 768 VGA ×1: 1920 × 1080 / 1280 × 1024 / 1024 × 768
	VGA and HDMI1 output the same video source
	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
Multi-screen Display	1/4/6/8/9 (live view)
	Max. 16+9CH local live view
Network Input	32 CH IPC audio input
2-way Audio	RCA × 1
Local Output	RCA × 1
Compression	G.711(U/A)
Resolution	16MP/12MP/9MP/8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/
	960P/720P/960H/D1/CIF
Frame Rate	NTSC: 30fps; PAL: 25fps
Number of Channels	16CH
	Resolution: 1080P/720P
Record	Frame Rate: 15fps
Simultaneous Playback	Max 16CH
Search	Time slice / time / event / tag / smart search
Function	Play, pause, FF, FB, digital zoom, etc.
Live View/ Playback	Non-AI Mode: 1×16MP@30fps/4×8MP@30fps/9×3MP@30fps/16×2MP@30fps AI Mode:1×16MP@30fps/4×6MP@30fps/9×3MP@30fps/16×720P@30fps
Mode	Manual, sensor, motion, exception, smart events, etc.
Input	8 CH local alarm input, 1 click arming/disarming
Output	4 CH
Triggering	Record, snap, preset, e-mail, etc.
Face Detection Performance & AI by IPC	32CH supports face detection, face recognition, perimeter protection, smart motion detection (SMD), people counting, stereo analysis, missing object, heat map
Face Detection Performance & AI by NVR	PicSearch disabled: 2 CH(2MP) or 1CH (4MP) PicSearch enabled: 1CH(2MP) or 1CH (4MP), 4CH smart motion detection
Face Match Performance	PicSearch disabled: 6 CH PicSearch enabled: 3CH
Comparison Capability	18 pictures / second

Face Picture Database	32 libraries 20000 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	Support allow list, block list 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
Perimeter Protection Human/Vehicle Classification (AI by IPC)	32 CH
Perimeter ProtectionHuman/Vehicle Classification (AI by NVR)	PicSearch disabled: 2 CH(2MP) or 1CH (4MP) PicSearch enabled: 1CH(2MP) or 1CH (4MP)
Video Metadata Human/Vehicle Attribute Analysis (AI by IPC)	Yes
Fisheye	Supports fisheye de warping via NVR/Web Client/mobile APP
Plate Recognition (AI by IPC)	Yes
Interface	RJ 45 1000 Mbps × 2
Protocol	TCP / IP, HTTP, HTTPs, 802.1X, FTP, DHCP, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IPv6, IPv4, UDP, WebSocket, PPPoE, SNMP, IGMP
Client Connection	Max. 128 users access
OS	iOS, Android
HDD Interface	SATA × 2, max 10T for each HDD
Local Backup	U disk, USB mobile HDD
Network Backup	Yes
RS 485	Yes (full-duplex), connect to PTZ or keyboard Electronic PTZ
USB	USB 3.0 × 1; USB 2.0 × 2
Remote Controller	Optional
Power Supply	DC12V/4A
Consumption	≤ 20W (without HDD)
Certificate	CE, FCC
Environmental Protection	Complies with Directive EU RoHS, REACH and WEEE
Dimensions(mm)	380 × 268 × 48.1 (W × D × H)
Working Environment	-10 ～ 50 ℃, 10% ～ 90% humidity

Dimensions:



