



16 CHANNEL NVR

PLC-5816H1/PM-4K

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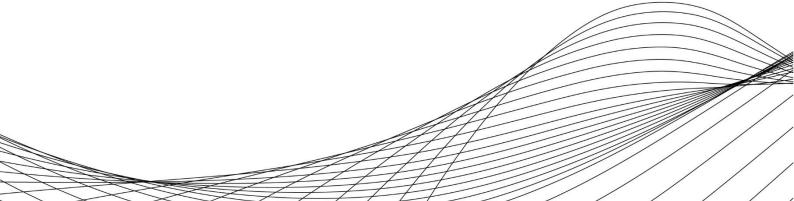












DATASHEET



Overview:



PLC-5816H1/PM-4K supports 16 Channel 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-5816H1/PM-4K** supports 16 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 16 Channel 8MP/6MP/5MP/4MP/3MP/1080P/ 1280×1024/960P/720P/960H/DI/CIF 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:

Model	PLC-5816H1/PM-4K
System	Embedded Linux
Video Network Input	16 channel IPC input
Network Input Resolution	8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF
Video Output	HDMI × 1: 3840× 2160 / 1920 × 1080 / 1280 × 1024/1024 × 768 VGA: 1920 × 1080 / 1280 × 1024/ 1024 × 768
Compression	H.265S / H.265+ /H.265 /H.264
Audio Network Input	16 channel IPC audio input
2-way Audio	RCA × 1
Local Output	RCA × 1
Compression	G.711(U/A)
Decoding Capability	1CH 8MP; 4CH 1080P
Record Stream	Dual stream recording
Resolution	8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF
Frame Rate	N:30fps; P:25fps
Simultaneous Playback	Max. 16 channel
Play Back Search	Time slice / time / event / tag /smart search
Play Back Smart Search	Highlighted colour to display the camera record in a certain period of time, different colours refer to different record events
Play Back Function	Play, pause, FF, FB, digital zoom, etc.
Live View/ Playback	1CH 6MP; 4CH 720P
Alarm Mode	Manual, sensor, motion, exception, smart events
Alarm Input	Support IPC alarm input
Alarm Output	Support IPC alarm output
Alarm Triggering	Record, snapshot, buzzer, pre-set, e-mail, etc.
Interface	RJ 45 1000Mbps × 1
Network Protocol	TCP / IP, I v4, I v6, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP, HTTP, HTTPs, 802.1x, RTSP, SNMP, ONVIF, etc.
Bandwidth	Incoming: 112Mbps Outgoing: 112Mbps
Client Connection	Max. 10 users' access
Plate Recognition	Yes
Mobile Device	iOS, Android
Storage	SATA3.0 × 1, max 8T
Local Backup	U disk, USB mobile HDD
Network Backup	Yes
USB	USB 2.0 × 2
Remote Controller	Optional
Power Supply	DC 12V/1.5A
Consumption	≤ 10W (without HDD)
Dimensions (mm)	$300 \times 249 \times 45 \text{ (W} \times D \times H)$
Working Environment	-10 ~ 50°C, 10% ~ 90% humidity
Certificate	CE, FCC
Environmental Protection	Complies with Directive EU RoHS, REACH and WEEE



Dimensions:

