

pöllö

Prime Series



128 CHANNEL NVR

PLC-512128H16/PM-4K

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4K Output



8MP



DDNS



Network



PTZ



Audio



MIC



Mobile



CMS



USB



Mouse



E-mail



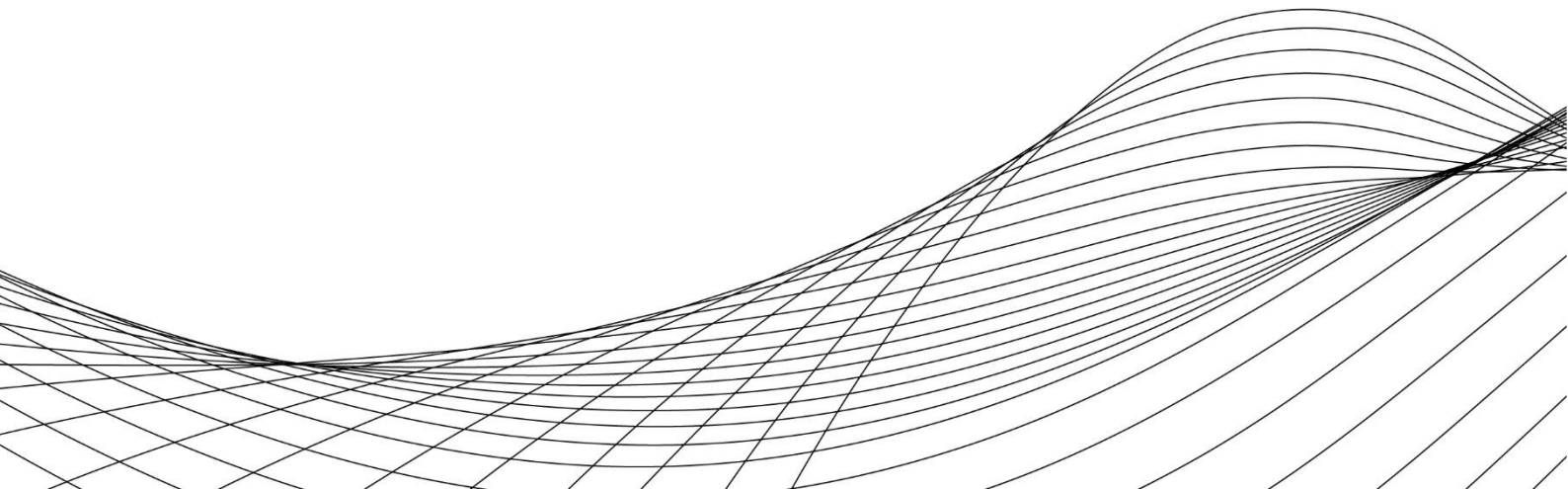
STD



FR



VCA





Overview:

PLC-512128H16/PM-4K supports 128 Channel 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-512128H16/PM-4K** supports 128 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 128CH 12MP /8MP / 6MP / 5MP / 4MP / 3MP / 1080P / 1280 × 1024 /960P / 720P IP video input
- ✔ Standard H.265 high profile compression format to get high-quality video at much lower bit rate
- ✔ 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 CH simultaneous playback
- ✔ Search: time slice, time, event, tag, smart and target database search
- ✔ Support face detection and comparison
- ✔ Support multiple VCA (Video Content Analytics) events, such as object abandoned/missing, region intrusion, tripwire, video tampering, etc.
- ✔ Support POS information overlay on live view and playback
- ✔ Support RAID0, 1, 5, 6, 10
- ✔ Express and flexible backup via USB, network and so on
- ✔ 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 pre-set and auto cruise, up to 255 pre-sets and 8 cruises
- ✔ Support NAT function and QR Code scanning by mobile phones
- ✔ Powerful mobile surveillance by smart phones with iOS and Android OS

Specifications:

Model	PLC-512128H16/PM-4K
OS	Embedded Linux
IP Video Input	128 CH
Incoming Bandwidth	640Mbps
Outgoing Bandwidth	Display Priority: 128Mbps
	Network Priority: 640Mbps
IP Video Input Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/
	720P/960H/D1/CIF
Output	HDMI1: 3840 × 2160@60fps / 3840 × 2160@30fps/ 1920 × 1080 / 1280 × 1024 / 1024 × 768
	HDMI2: 1920 × 1080 / 1280 × 1024 / 1024 × 768
	HDMI3: 1920 × 1080 / 1280 × 1024 / 1024 × 768
	HDMI4: 1920 × 1080 / 1280 × 1024 / 1024 × 768
	VGA × 1: 1920 × 1080 / 1280 × 1024 / 1024 × 768
Multi-screen Display	1/4/6/8/9/13/16/25/32/36/64
Compression	H.265S/H.265+/H.265/H.264
Network Input	128CH IPC audio input
2-way Audio	RCA × 1
Local Output	RCA × 1
HDMI Audio Output	Yes
Compression	G.711(U/A)
Record Stream	Dual stream recording
Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280×1024/960P/
	720P/960H/D1/CIF
Frame Rate	25fps (PAL) / 30fps (NTSC)
Mode	Manual/timed/motion/sensor/POS/AI recording
Simultaneous Playback	Max 16 CH
Search	Time slice / time / event / tag / smart search
Smart Search	Highlighted color to display the camera record in a certain period of time,
	different colors refer to different record events
Live/Playback	1CH 12MP/ 4CH 5MP/9CH 720P/16CH 720P
Mode	Manual, sensor, motion, exception, smart events
Input	24 CH local alarm input; IPC alarm input supported
Output	8 CH
Face Detection Performance (AI by IPC)	128 CH
Face Detection Performance (AI by Device)	4CH
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
External face picture enrollment	Resolution: 128 × 128 ~ 1920 × 1080 Size: less than 70KB Format: jpg, jpeg
Face Picture Comparison	Support allow list, block list or stranger match alarm
Face Track	Yes
Map of Face Track	Resolution : ≤2560 × 1920 Size: ≤ 512KB Format: jpg, jpeg
Statistic Graph of Face Information	Bar graph
Statistic Mode of Face Information	Statistics by day, week, month, quarter as well as customized time period
Interface	Rj45 10 / 100 / 1000 Mbps × 2
Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP, HTTP, HTTPS, 802.1x, RTSP, ONVIF, etc.
Client Connection	Max. 20 users access
OS	iOS, Android
HDD Interface	SATA × 16, max 10T per HDD; e-SATA × 1
RAID Type	RAIDO, 1, 5, 6, 10
Local Backup	U disk, USB mobile HDD
Network Backup	Yes
USB	USB 2.0 × 2, USB 3.0 × 1
Remote Controller	Optional
RS 485	Yes (full-duplex), connect to PTZ or keyboard
RS 232	Yes
Reset	Yes
Power Supply	ATX 300W
Consumption	≤ 50W (without HDD)
Dimensions	437mm×483mm×143mm
Working Environment	-15 ~ 50 °C , Humidity: 10% ~ 90%
Certificate	CE, FCC
Environment Protection	Directive EU RoHS, WEEE (2012/19/EU) , Directive 94/62/EC and REACH(EC1907/2006)

Dimensions:

