

CP-UVR-0401L1-4KI3

4Ch. 4K-N/5MP Digital Video Recorder

- Supports HDCVI/AHD/TVI/CVBS/IP signals
- Support each channel upto 8MP IP Camera
- Max 64Mbps Incoming Bandwidth
- AI Instostream, Instostream, H.265 dual-stream Video Compression
- Up to 1 channel video stream (analog channel) human face recognition
- Up to 4 channels video stream (analog channel) SMD Plus
- Up to 4 channels video stream (analog channel) Perimeter Protection
- IoT & POS functionalities
- Mobile Software: iCMOB, gCMOB
- CMS Software:KVMS, KVMS Pro



System Overview

This DVR has gathered momentum across the globe for its outstanding performance and premium recording quality as it can be applied in any situation for IP video surveillance. This Series of DVRs supports the input, recording and transmission functions. Along with that, this DVR also enjoys the help of a built-in deep learning module as this product adopts the video image that is structured on deep learning algorithms.

This DVR lets you achieve high-precision human face-recognition and efficient perimeter protection. This product has been crafted to pay attention to what matters the most through applying deep learning artificial intelligence, which makes it fasten the event response time and helps in making the video more actionable.



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Functions

Smart Motion Detection (SMD Plus)

CPPLUS has introduced Smart Motion Detection, AI-based SMD, which use an advanced algorithm to differentiate human and vehicular shapes within a scene and send alarms only when a person or vehicle is detected.

Face Recognition

This technology can be used to extract faces from a range of cameras and is capable of processing large quantities of faces in real-time or post-event and can provide alerts to help with access and authentication, border security, and crowd control.

Multi-signal Support

CP PLUS DVRs are equipped with UNI+ technology which supports all HD and analog video formats. This helps the user upgrade their systems without requiring major overhauls.

Addnl. IP cameras support

In some installations, customers have specific features and functions that are available in IP cameras only, such as two-way communication, edge storage, alarm I/O, etc. CP PLUS DVRs provide additional IP camera support to provide flexibility so that the desired solution features can be made accessible.

KVMS Pro

The KVMS Pro is a hybrid security management software that allows the management of various surveillance devices such as cameras, DVRs/ NVRs, encoders/ decoders, etc. It is released with the surveillance hardware and exclusively supports CP PLUS devices.

About CP PLUS

The brand that is on its way to lead the world when it comes to the security and surveillance industry, CP PLUS, keeps bombarding the market with the most reliable range of products that have been designed carefully and methodically to automate the whole surveillance and security process, no matter how big your premises are.

It was the initiative to help the public in the area where they are the most vulnerable and to empower the sense of safety in our hearts that had conceptualized CP PLUS. And embarking on its mission to make the world a safer and more secure place has taken the brand's journey to unprecedented levels even when compared to international competitors.



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Feature	Specification
Processor	Industrial-grade processor
Operating System	Embedded LINUX
IP Camera Input	4+4 Ch.(analog channels are converted into IP channels) each channel up to 8MP. Incoming bandwidth: 64 Mbps, recording bandwidth: 64 Mbps and outgoing bandwidth: 64 Mbps *After IP channels are added beyond the existing channels, the AI Function (IVS, SMD, FACE) will be disabled.
Camera Input	1. CVI: 4K, 6 MP, 5 MP, 4 MP, 1080p@25/30 fps, 720p@50/60 fps, 720p@25/30 fps. 2. TVI: 4K, 5 MP, 4 MP, 3 MP, 1080p@25/30 fps, 720p@25/30 fps. 3. AHD: 4K, 5 MP, 4 MP, 3 MP, 1080p@25/30 fps, 720p@25/30 fp
Analog Camera Input	4 channels, BNC: adaptive access by default; HDCVI, AHD, TVI and CVBS access can be configured.
Two-way Talk	Yes (share the same audio input with the first channel)
User Interface	GUI,WEB Interface
Perimeter Performance AI by DVR (Number of Channel)	Advanced Model : 1 channel, 10 IVS for each channel General Model : 4 channels, 10 IVS for each channel
Face Detection Performance of AI by DVR	1 channel (up to 8 face images/s)
Video Output	1 HDMI, 1 VGA VGA: 1920 × 1080, 1280 × 1024, 1280 × 720 HDMI: 3840 × 2160, 1920 × 1080, 1280 × 1024, 1280 × 720
Face Attributes	Gender; age group; glasses; expressions; face mask; beard
Face Database Capacity	Up to 10 face databases and 20,000 images.
SMD Plus by DVR	4-channel: Secondary filtering for human and motor vehicle , reducing false alarms caused by leaves, rain and lighting condition change
Face Recognition Performance of AI DVR	1 ch

Feature	Specification
Compression	H.265; H.264+; H.264
Encode Strategy	AI Instostream, Instostream
Encoding Capacity	Main stream: All channel 4K (1 fps–7 fps); 6MP (1 fps– 10 fps); 5MP (1 fps–12 fps); 4K-N, 4MP/3MP (1 fps–15 fps); 4M-N/1080p/720p/960H/D1/CIF (1 fps–25/30 fps); Sub stream: 960H (1 fps–15 fps); D1/CIF (1 fps–25/30 fps)
Multi Screen Preview	When IP extension mode not enabled: 1/4 When IP extension mode enabled: 1/4/8/9
Network Mode	Single-address mode
Bit Rate	32 kbps–6144 kbps
Audio Input	1 channel RCA, 4-channel BNC (Coaxial Audio)
Audio Output	1 channel, RCA
Audio Compression	G.711a; G.711u; PCM
Audio Bit Rate	64Kbps Per Channel
Audio Sample Rate	8KHz, 16 bit
General Alarm	Motion detection, video loss, tampering
Anomaly Alarm	No disk, disk error, low space, offline, ip conflict, MAC conflict
Intelligent Alarm	Face detection, face recognition, perimeter protection
Alarm Linkage	Record, snapshot (panoramic), IPC external alarm output, access controller, voice prompt, buzzer, log, preset, email
Smart Phone	iPhone, iPad, Android Phone
Hard Disk	1 SATA port, up to 16TB.(The maximum HDD capacity varies with environment temperature.)
Recording Playback	1/4
Recording Mode	General, motion detection; intelligent; alarm; POS
Browser	Chrome, IE9 or later, Firefox
Playback	Instant playback, general playback, event playback, tag playback, smart playback (face and motion detection)
Backup Mode	USB Device/ Network

Feature	Specification
Interface Ports	1 HDMI, 1 VGA, 2 USB Ports(2.0), 1 RS485
Ethernet	1 RJ-45 port (10/100Mbps)
Protocols	HTTP; HTTPS; TCP/IP; IPv4; RTSP; UDP; SMTP; NTP; DHCP; DNS; DDNS,ONVIF 21.06, CGI Conformant, InstaOn
Power Supply	DC12V/2A
Power Consumption	<7W
Working Temperature	-10 °C to +55 °C (+14 °F to +131 °F)
Working Humidity	0%–90% (RH)
Dimensions	325.0 mm × 257.2 mm × 55.0 mm (W × D × H)
Weight	1.16 kg

Company Name:

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