CP-UVR-1601L2-4KI2

16Ch. 4K-N Digital Video Recorder

- Supports HDCVI/AHD/TVI/CVBS/IP video inputs.
- H.265+/H.265 dual-stream video compression.
- Max 32 channels IP camera inputs, each channel up to 8MP;
  Max 128 Mbps incoming bandwidth.
- Up to 2 channels video stream (analog channel) Perimeter Protection.
- Up to 16 channels video stream (analog channel) SMD Plus.
- Up to 2 channels video stream (analog channel) human face recognition.
- Support 2 SATA HDDs up to 10TB each, 2 USB Ports
- 1 HDMI / 1 VGA simultaneous video output.
- Mobile Software: iCMOB, gCMOB.
- CMS Software: KVMS Pro.

16 Ch | Linux POWERED | H.265 COMPRESSION | HI-SPEED CERTIFIED USB | GUI | CMS

System Overview

The newly developed this Series All-in one by CP PLUS has brought a huge change to the surveillance industry with an HD video recorder that is made to be compatible with multiple access technology which adds to the effectiveness of the existing security solution by upgrading it. This Series All-in one makes it easier for the end-user by reducing the system cost and simplifying the installation and use. The greater quality and performance provided by the Series All-in one at such a pocket-friendly price makes it ideal for use at a wide range of applications such as retail stores, home protection, roads and traffic signals, among the others.

Multi-signal support

This 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.

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Functions

Signal auto-adapt

This DVR recognizes the signal type (CVI, TVI, AHD, CVBI) and automatically adapts without requiring any manual intervention. This has provided much ease to the user since signal compatibility was always a towering concern.

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.

Secured Password Policy (SPP)

Amid rising security challenges such as hacking, phishing, etc., CP PLUS has framed strict policies to increase the security of surveillance systems, in which it makes it mandatory to change the default password to one that is alphanumeric.

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.

gCMOB/ iCMOB

Designed to allow users to access and control live streaming from CP PLUS IP Cameras, DVRs/ NVRs and Video Door Phones, the CP PLUS gCMOB/ iCMOB application offers a host of features such as Easy GUI, up to 16 live viewing split-ups; InstaOn cloud support; Playback; digital zoom ins; two-way talk, and more.

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	Embedded processor
Operating System	Embedded LINUX
Performance	2 channel, 10 IVS for each channel
Object classification	Human/Vehicle secondary recognition for tripwire and intrusion
AI Search	Search by target classification (Human, Vehicle)
SMD Plus Performance	16 channels
AI Search SMD	Search by target classification (Human, Vehicle)
Compression	AI Coding/H.265+/H.265/H.264+/H.264
Video Output	1 HDMI, 1 VGA
Video Display Split	1/4/8/9/16
Resolution	4K, 6MP, 5MP, 4K-N, 4MP, 3MP, 4M-N, 1080P, 720P, 960H, D1, CIF
Video Resolution	HDMI: 3840 × 2160, 1920 × 1080, 1280 × 1024, 1280 × 720 VGA: 1920 × 1080, 1280 × 1024, 1280 × 720
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Face Performance	Max 12 face pictures/sec processing 2 channels video stream face recognition, only support analog camera
Stranger Mode	Detect strangers' faces (not in device's face database). Similarity threshold can be set manually.
AI Search Face	Up to 8 target face images search at same time, similarity threshold can be set for each target face image.
Database Management	Up to 10 face databases with 20,000 face images in total. Name, gender, birthday, address, certificate type, certificate No., countries® ions and state can be added to each face picture.
Database Application	Each database can be applied to video channels independently
Trigger Events	Buzzer, Voice Prompts, Email, Snapshot, Recording, Alarm Out, PTZ Activation, etc.
Analog Camera Input	16 channels, BNC

Feature	Specification
HDCVI Camera Input	4K, 6MP, 5MP, 4MP, 1080P@25/30fps, 720P@50/60fps, 720P@25/30fps
AHD Camera Input	4K, 5MP, 4MP, 3MP, 1080P@25/30, 720P@25/30fps
TVI Camera Input	4K, 5MP, 4MP, 3MP, 1080P@25/30, 720P@25/30fps
CVBS Camera Input	PAL/NTSC
IP Camera Input	16+16 channels, each channel up to 8MP
Audio In/Out	1/1, RCA
Two-way Talk	Reuse audio in/out, RCA
Audio Compression	G.711A, G.711U, PCM
Audio Sample Rate	8 KHz, 16 bit Per Channel
Audio Bit Rate	64 Kbps Per Channel
Alarm IN	N/A
Alarm Out	N/A
Video Streaming	Main stream: All channel 4K(1fps–7fps); 6MP(1fps–10fps); 5MP(1fps–12fps); 4K-N, 4MP/3MP (1fps–15fps); 4M-N/1080P/720P/960H/D1/CIF (1fps–25/30fps); Sub steram:960H(1fps–15fps); D1/CIF(1fps–25/30fps)
Smart Phone	iPhone, iPad, Android Phone
Hard Disk	2 SATA Ports, Up to 10TB capacity Each
Trigger Events	Recording, PTZ, Tour, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips
Recording Mode	Manual, Schedule (General, Continuous), MD (Video detection: Motion Detection, Video Loss, Tampering), Alarm, Stop
Search Mode	Time /Date, Alarm, MD and Exact Search (accurate to second)
Bit Rate	32 Kbps–6144 Kbps Per Channel
Playback	1/4/9/16
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection, Digital Zoom
Backup Mode	USB Device/Network
Interface Ports	2 USB Ports (1 USB 2.0 , 1 USB 3.0), 1 RS485
Record Interval	1 – 60 min (default: 60 min), Pre-record: 1 s–30 s, Post-record: 10 s–300 s
Video Detection	Motion Detection, MD Zones: 396 (22 × 18), Video Loss, Tampering and Diagnosis

Product casing and specifications are subject to change without prior notice

CP PLUS

Feature	Specification
Ethernet	1 RJ-45 Port (1000 MB)
Max. User Access	128 users
Protocols	HTTP, HTTPS, TCP/IP, IPv4/IPv6, Wi-Fi, 3G/4G, SNMP, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, P2P, IP Search, ONVIF 16.12, CGI Conformant
Power Supply	DC 12V/5A
Power Consumption	<15W (without HDD)
Working Temp	-10°C to +55°C (+14°F to +131°F), 0–90% RH
Storage Temp	-20°C to +70°C (-4°F to +158°F), 0%–90% (RH)
Dimensions	375 mm × 288 mm × 53 mm
Weight	1.8kg (without HDD)