

CP-UVR-1616K8-I3

16 Ch. 5M-N Digital Video Recorder

- Supports HDCVI/AHD/TVI/CVBS/IP video inputs.
- AI Instastream/ Instastream/ H.265 dual-stream video compression.
- Max 24 channels IP camera inputs, each channel up to 8MP;
Max 128 Mbps incoming bandwidth.
- Up to 4 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 8 SATA HDDs up to 16TB Each, 4 USB Ports
- 2 HDMI / 1 VGA / 1 TV simultaneous video output.
- Mobile Software: iCMOB, gCMOB.
- CMS Software: KVMS Pro.



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.



CP-UVR-1616K8-I3

16 Ch. 5M-N Digital Video Recorder

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.



CP-UVR-1616K8-I3

16 Ch. 5M-N Digital Video Recorder

Feature	Specification
Processor	Embedded processor
Operating System	Embedded LINUX
Operating Interface	Web; Local GUI
Perimeter Performance of AI by Camera (Number of Channels)	Advanced Model: 2 channels, 10 IVS for each channel General Model: 4 channels, 10 IVS for each channel
SMD Plus by DVR	16 channels: Secondary filtering for human and motor vehicle SMD Plus, reducing false alarms
Compression	H.265/H.264+/H.264
Encode Strategy	AI Coding/ Instastream
Video Output	2 HDMI, 1 VGA, 1 TV
Video Display Split	1/4/8/9/16
Resolution	VGA/HDMI2: 1920 × 1080, 1280 × 1024, 1280 × 720 HDMI1: 3840 × 2160, 1920 × 1080, 1280 × 1024, 1280 × 720 It changes to 1920 × 1080, 1280 × 1024, 1280 × 720 when Face or IVS&SMD is selected in AI Mode.
Face Attributes	Gender; age group; glasses; expressions; face mask; beard
Face Detection Performance of AI by DVR (Number of Channels)	2 channels (up to 12 face images/s)
Face Recognition Database Capacity	Up to 10 face databases with 10,000 face images in total. Name, gender, birthday, address, certificate type, certificate No., countries ions and state can be added to each face image
Face Recognition Performance of AI by DVR (Number of Channels)	2 Channels

Feature	Specification
Analog Camera Input	16 BNC ports, CVI access by default, supports HDCVI/AHD/TVI/CVBS auto-detect
Camera Input	CVI: 5 MP@25/30fps; 4 MP@25/30fps; 1080p@25/30fps, 720p@50/60fps; 720p@25/30 fps. TVI: 5 MP@25/30fps; 4 MP@25/30fps; 3MP@25/30fps; 1080p@25/30fps; 720p@25/30fps. AHD: 5 MP@25/30fps; 4MP@25/30fps; 3MP@25/30fps; 1080p@25/30fps; 720p@25/30 fps.
IP Camera Input	Up to 24 channels of IPC access 8 IP channels by default + 16 channels (analog channels are converted to IP channels) incoming bandwidth: 128 Mbps, recording bandwidth: 128 Mbps and outgoing bandwidth: 128 Mbps *After IP channels are added beyond the existing channels, the AI Function (IVS, SMD, FACE) will be disabled.
Disk Group	Yes
TV Output	Yes
Alarm Input	16-channel
Alarm Output	6 channels
Audio In/ Out	16-channel BNC (external), 16-channel BNC (coaxial audio) / 1-channel BNC
Two-way Talk	1-channel BNC
Audio Compression	G.711a; G.711u; PCM
Audio Sample Rate	8 KHz, 16 bit Per Channel
Audio Bit Rate	64 Kbps Per Channel
Encoding Capacity	Main stream: All channels 5M-N@(1 fps–10 fps); 4M-N@ (1 fps–15 fps); 1080p@(1 fps–15 fps); 1080N@(1 fps–25/30 fps); 720p@(1 fps–25/30 fps); 960H@(1 fps–25/30 fps); D1@(1 fps–25/30 fps); CIF@(1 fps–25/30 fps)
Video Frame Rate	PAL: 1 fps–25fps ; NTSC: 1 fps–30fps
Smart Phone	iPhone, iPad, Android Phone
Hard Disk	8 SATA ports, up to 16TB Each, the maximum HDD capacity varies with environment temperature
Recording Mode	General, motion detection; intelligent; alarm; POS
General Alarm	Motion detection; video loss; tampering; local alarm
Anomaly Alarm	No disk; storage error; disk full; camera offline; IP conflict; MAC conflict

Feature	Specification
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
Bit Rate	32 Kbps–6144 Kbps Per Channel
Playback	1/4/9/16 It changes to 1/4/9 split when Face or IVS&SMD is selected in AI Mode
Playback Function	Instant playback, general playback, event playback, tag playback, smart playback (face and motion detection)
Backup Mode	USB Device/Network
Interface Ports	4 (2 front USB 2.0 ports, 2 rear USB 3.0 ports), 1 RS232, 1 eSATA Port, 1 RS485
Network Mode	Multi-address mode, Fault Tolerance, Load Balance
Browser	Chrome, IE9 or later, Firefox
Ethernet	2 (10/100/1000 Mbps Ethernet port, RJ-45)
Protocols	HTTP; HTTPS; TCP/IP; IPv4; RTSP; UDP; SMTP; NTP; DHCP; DNS; DDNS; InstaOn; ONVIF 21.06; CGI
Power Supply	100–240 VAC, 50±2% Hz
Power Consumption	<15 W (without HDD)
Working Temp	-10°C to +55°C (+14°F to +131°F), 0–90% RH
Dimensions	439.9 mm × 463 mm × 94.9 mm (W × D × H)
Weight	6.72 kg

Company Name:

CP PLUS (Aditya Infotech Ltd.)

F-28 Okhla Industrial Area, Phase 1,

New Delhi 110020, INDIA

Contact Mail ID :- customercare@cpplusworld.com