

# CP-UVR-1601E1-IC2

## 16Ch. 1080N Digital Video Recorder

- Auto Adaptive HDCVI/AHD/TVI/CVBS/IP signals
- Max 18 channels IP camera inputs, each channel up to 6MP
- Max 64Mbps Incoming Bandwidth
- Instream/H.265 dual-stream Video Compression
- Support 1 SATA HDD up to 16TB, 2 USB Ports
- Up to 8 channels video stream (analog channel)  
SMD Plus
- 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.

### Functions

#### 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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## 16Ch. 1080N Digital Video Recorder

Feature	Specification
Processor	Industrial-grade processor
Operating System	Embedded LINUX
IP Camera Input	Up to 18 channels of IPC access 2 IP channels by default + 16 channels (analog channels are converted to IP channels) 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 (SMD) will be disabled
Two-way Talk	Support (share the same audio input with the first channel)
User Interface	Web; GUI
SMD Plus By DVR	8-channel: Secondary filtering for human and motor vehicle , reducing false alarms caused by leaves, rain and lighting condition change
Video Input	16 channel, BNC
Video Output	1 HDMI, 1 VGA HDMI/VGA: 1920 × 1080, 1280 × 1024, 1280 × 720
Encode Strategy	AI Instastream/Instastream
Compression	H.265/H.264+/H.264
Camera Input	1. CVI: 1080p@ 25/30 fps, 720p@ 25/30 fps 2. TVI: 1080p@ 25/30 fps, 720p@ 25/30 fps 3. AHD: 1080p@ 25/30 fps, 720p@ 25/30 fps 4. CVBS: PAL/NTSC
Video Display Split	1/4/8/9/16
Encoding Capacity	Main Stream: the 1st channel 1080N/720p (1 fps–25/30 fps), others 1080N/720p (1 fps–15 fps); 960H/D1/CIF(1 fps–25/30 fps) Sub stream: CIF (1 fps–7 fps)
Bit Rate	32 kbps–6144 kbps
Audio Input	1 channel RCA 16-channel BNC (Coaxial Audio)
Audio Output	1 channel, RCA

Feature	Specification
Audio Compression	G.711A, G.711U, PCM
General Alarm	Motion detection, video loss, tampering
Anomaly Alarm	No disk, disk error, low space, offline, ip conflict, MAC conflict
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 16 TB. The maximum HDD capacity varies with environment temperature.
Audio Sample Rate	8KHz, 16 bit Per Channel
Audio Bit Rate	64Kbps Per Channel
Playback	1/4/9/16 Ch.
Recording Mode	General, motion detection, alarm
Playback Mode	Instant playback, general playback, event playback, tag playback
Backup Mode	USB Device/Network
Interface Ports	2 USB Ports (2.0)
Network Mode	Single-address mode
Ethernet	1 (10/100 Mbps Ethernet port, RJ-45)
Protocols	HTTP; HTTPS; TCP/IP; IPv4; RTSP; UDP; SMTP; NTP; DHCP; DNS; DDNS; InstaOn Cloud, ONVIF 21.06; CGI Conformant
Power Supply	DC12V/2A
Power Consumption	<10W(without HDD)
Working Temp	-10°C ~ +55°C (+14°F ~ +113°F), 0 ~ 90% RH
Dimensions	260.0 mm × 231.4 mm × 47.6 mm (10.24" × 9.11" × 1.87") (W × D × H)
Weight	1.42 kg