

# CP-UVR-1601E2-I

## 16Ch. 1080P Lite Digital Video Recorder

- Supports HDCVI/AHD/TVI/CVBS/IP video inputs
- Max 18 channels IP camera inputs, each channel up to 6MP; Max 64 Mbps Incoming Bandwidth
- Supports Full-channel AI-Coding
- Support 2 SATA HDD up to 10TB Each, 2 USB Ports
- Up to 8 channels video stream (analog channel) SMD Plus.
- 1 HDMI / 1 VGA Simultaneous Video Output
- Instastream/H.265 video compression
- Mobile Software: iCMOB, gCMOB
- CMS Software: KVMS Pro



### System Overview

CP Plus has introduced the new and impactful range of DVRs under the Lite Series which has been integrated with the 4K and H.265 encoding technology that provides you with an outstanding at a reasonably pocket-friendly price. The 4K resolution processors present in this product help in bringing out every little detail in the image. Along with that, this DVR uses the intuitive shortcut operation menu which lets you control and manage the system remotely as well and can work as edge storage, central storage, backup storage .

The highly compatible design of this DVR allows you to third-party devices. This makes this product the ideal solution to your surveillance requirements as it can run independently of video management systems. This DVR by CP Plus has wide-ranging applications such as in keeping the public safe, conserving the water, transportation, city centers, educational facilities, and other institutions .



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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.

##### 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.

##### 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                                                                                                            |
| IP Camera Input      | 16+2/16 channels, each channel up to 6MP                                                                                  |
| Two-way Talk         | Reuse audio in/out, RCA                                                                                                   |
| User Interface       | GUI                                                                                                                       |
| Performance SMD Plus | 8 Channels                                                                                                                |
| AI Search SMD        | Search by target classification (Human, Vehicle)                                                                          |
| Video Input          | 16 channel, BNC                                                                                                           |
| Video Output         | 1 HDMI, 1 VGA                                                                                                             |
| Video Compression    | AI Instastream/Instastream/H.265/H.264+/H.264                                                                             |
| Video Resolution     | 1920×1080, 1280×1024, 1280×720                                                                                            |
| Resolution           | 1080N, 720P, 960H, D1, CIF                                                                                                |
| Video Recording      | Main Stream: 1st Ch. 1080N/720P(1~25/30fps), others 1080N/720P(1~15fps); 960H/D1/CIF (1~25/30fps) Sub stream: CIF(1~7fps) |
| Video Display Split  | 1/4/8/9/16                                                                                                                |
| OSD                  | Camera title, Time, Video loss, Camera lock, Motion detection, Recording                                                  |
| Bit Rate             | 32Kbps ~ 4096Kbps Per Channel                                                                                             |
| Audio Input          | 1 channel, RCA                                                                                                            |
| Audio Output         | 1 channel, RCA                                                                                                            |
| Audio Sample Rate    | 8KHz, 16 bit Per Channel                                                                                                  |
| Audio Bit Rate       | 64Kbps Per Channel                                                                                                        |
| Motion Detection     | Support                                                                                                                   |
| Video Loss           | Support                                                                                                                   |
| Audio Compression    | G.711A, G.711U, PCM                                                                                                       |
| Camera Blank         | Support                                                                                                                   |
| Smart Phone          | iPhone, iPad, Android Phone                                                                                               |

| Feature           | Specification                                                                                                                                                                   |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hard Disk         | 2 SATA port, up to 10TB Each                                                                                                                                                    |
| Trigger Events    | Recording, PTZ, Tour, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips                                                                                                  |
| Playback          | 1/4/9/16 Ch.                                                                                                                                                                    |
| Recording Mode    | Manual, Schedule (Regular, Continuous), MD (Video detection: Motion Detection, Video Loss, Tampering), Alarm, Stop                                                              |
| Search Mode       | Time/Date, MD & Exact search (accurate to second)                                                                                                                               |
| 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 (USB 2.0), 1 RS485 Port                                                                                                                                             |
| Max User Access   | 128 users                                                                                                                                                                       |
| Record Interval   | 1~60 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec                                                                                                       |
| Ethernet          | 1 RJ-45 port (100MB)                                                                                                                                                            |
| Protocols         | HTTP, HTTPS, TCP/IP, IPv4/IPv6, Wi-Fi, 3G/4G, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, InstaOn, IP Search, ONVIF 16.12, CGI Conformant |
| Power Supply      | DC12V/4A                                                                                                                                                                        |
| Power Consumption | <10W(without HDD)                                                                                                                                                               |
| Working Temp      | -10°C ~ +55°C (+14°F ~ +131°F), 10 ~ 90% RH                                                                                                                                     |
| Dimensions        | 375mm × 289.4mm × 53mm                                                                                                                                                          |
| Weight            | 1.61kg (without HDD)                                                                                                                                                            |

Dimensions (mm/inch)

