CP-UVR-1601K2-I3

16Ch. 5M-N/1080P Digital Video Recorder

- Instastream/ H.265 dual-stream video compression
- Supports HDCVI/AHD/TVI/CVBS/IP video inputs
- Max 24 channels IP camera inputs, each channel up to 6MP; Max 128 Mbps incoming bandwidth
- Up to 4 channels video stream (analog channel) Perimeter Protection
- Up to 2 channels video stream (analog channel) human face recognition
- Up to 16 channels video stream (analog channel) SMD Plus
- IoT and POS functionalities
- Support 2 SATA HDDs up to 16TB Each, 2 USB
- Mobile Software: iCMOB, gCMOB
- CMS Software: KVMS Pro

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

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.

CE FC RoHS COMPLIANT ONVIF

CP-UVR-1601K2-I3

16Ch. 5M-N/1080P Digital Video Recorder

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.

Signal auto-adapt

This DVR recognizes the signal type (CVI, TVI, AHD, CVBS) 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.

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-1601K2-I3

16Ch. 5M-N/1080P Digital Video Recorder

	Specification
Processor	Embedded processor
Operating System	Embedded LINUX
Video Input	16 channel, BNC
IP Camera Input	16+8ch. (analog channels are converted into IP channels), each channel up to 6MP
Analog Camera Input	16 channels, BNC: adaptive access by default; HDCVI, AHD, TVI and CVBS access can be configured.
Camera Input	1. CVI: 5MP, 4MP, 1080p@25/30 fps, 720p@50/60 fps, 720p@25/30 fps. 2. TVI: 5MP, 4MP, 3MP, 1080p@25/30, 720p@25/30 fps. 3. AHD: 5MP, 4MP, 3MP, 1080p@25/30, 720p@25/30 fps.
Perimeter Performance AI by DVR (Number of Ch.)	Advanced Model: 2 channel, 10 IVS for each channel General Model: 4 channels, 10 IVS for each channel
Face Attributes	6 attributes: Gender, age groups (6), glasses, expressions (8), face mask, beard, with up to four detection panels displayed at the same time
Face Detection Performance of AI By DVR (Number of Ch.)	2 channels, and a single channel can detect up to 12 faces
Face Database Capacity	Up to 10 face databases and 10,000 pictures in total. Name, gender, birthday, address, certificate type, certificate No., countries & regions and state can be added to each face picture
Face Recognition Performance of AI By DVR (Number Of Ch.)	2ch.
SMD Plus by Recorder	Full-channel SMD Plus (AI by recorder), secondary filtering for human and motor vehicle SMD Plus, reducing false alarms caused by leaves, rain and lighting condition change
Multi Screen Preview	When IP extension mode not enabled: 1/4/8/9/16 When IP extension mode enabled: 1/4/8/9/16/25

CE FC RoHS COMPLIANT ONVIF

Feature	Specification
Compression	H.265/ H.264+/ H.264
Video Resolution	1 HDMI, 1 VGA VGA: 1920 × 1080, 1280 × 1024, 1280 × 720 HDMI: 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
Video Frame Rate	PAL: 1 fps–25 fps NTSC: 1 fps–30 fps
Encode Strategy	AI Instastream, Instastream
Network Mode	Single-address mode
Encoding Capacity	All channel 5M-N (1 fps–10 fps); 4M-N/1080p (1 fps–15 fps); 1080N/720p/960H/D1/CIF (1 fps–25/30 fps)
Stream Capability	Dual-stream (D1/CIF (1 fps–15 fps)
Bit Rate	32 Kbps–6144 Kbps Per Channel
Bit Rate Type	Video stream and composite stream
Audio Compression	G.711A; G.711U; PCM
Audio Input	1Ch. RCA(external), 16Ch. BNC (coaxial)
Audio Output	1Ch. RCA
Audio Sample Rate	8 KHz, 16 bit per channel
Two-way Talk	Yes (share the same audio input with the first channel)
Audio Bit Rate	64 kbps per channel
Browser	Chrome, IE9 or above, Firefox
User Interface	GUI, Web
Smart Phone	iPhone, iPad, Android Phone
Disk Group	Yes
Hard Disk	2 SATA Ports, up to 16TB for a single HDD, the maximum HDD capacity varies with environment temperature
General Alarm	Motion detection, Video Loss, tampering, and local alarm
Anomaly Alarm	No disk, disk error, low space, offline, ip conflict, MAC conflict
Intelligent Alarm	Face detection, face recognition, perimeter protection

CE FC RoHS COMPLIANT ONVIF

✕ CP PLUS

Feature	Specification
Alarm Linkage	Record, Snapshot (panoramic), IPC external alarm output, access controller, voice prompt, buzzer, log, Preset, email
Recording Mode	Manual, Schedule (General, Continuous), MD (Video detection: Motion Detection, Video Loss, Tampering), Alarm, Stop
Recording Playback	1/4/9/16, It changes to 1/4/9 split when Face or IVS & SMD is selected in AI Mode.
Search Mode	Time /Date, Alarm, MD and Exact Search (accurate to second)
Playback	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
Record Interval	1 min–60 min (default: 60 min), Pre-record: 1 sec–30 sec, Post-record: 10 sec–300 sec
Interface Ports	2 USB Ports (1 USB 2.0 , 1 USB 3.0), 1 RS485
Ethernet	1 RJ-45 Port (10/100/1000 Mbps)
Protocols	HTTP, HTTPS, TCP / IP, IPv4, RTSP, UDP, SMTP, NTP, DHCP, DNS, DDNS, ONVIF 21.06, CGI Conformant, Instaon
Power Supply	DC 12V/4A
Power Consumption	<12W
Working Temp	-10°C to +55°C (+14°F to +131°F).
Working Humidity	10%–90%
Dimensions	375mm×289mm×53 mm (W×D×H)
Weight	1.56kg

Company Name:
CP PLUS (Aditya Infotech Ltd.)
F-28 Okhla Industrial Area, Phase 1,
New Delhi 110020, INDIA
Contact Mail ID :- customercare@cpplusworld.com

CE FC RoHS COMPLIANT ONVIF