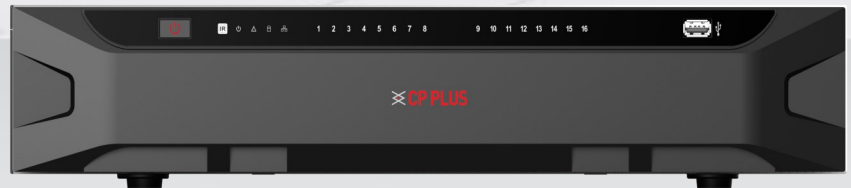# CP-UVR-3201K2-I3-V2

32 Ch. 5MP Digital Video Recorder

- Max 32 channels IP camera inputs, each channel up to 6MP; Max 128 Mbps incoming bandwidth
- Up to 8 channels video stream (analog channel) Perimeter Protection
- HDCVI/AHD/TVI/CVBS/IP video inputs
- Instastream, H.265 dual-stream video compression
- 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 Lite

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

System Overview

This Series 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-3201K2-I3-V2
32 Ch. 5MP Digital Video Recorder

Functions

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.

Instastream

This camera has been designed with the latest and most efficient innovation among the standard video compression designs. Smart encoding algorithms developed by CP PLUS help in saving up to 70% more bandwidth than H.265 along with making it more beneficial for minimizing bandwidth and storage costs. It enhances video coding efficiency while providing high resolution and the rate of frame in the video using Intelligent Region Perception to detect motion in each frame.

Smart Motion Detection (SMD Plus)

CPPLUS has introduced Smart Motion Detection, AI-based SMD, which use an advanced algorithm to differentiate hu-man 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.
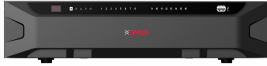
KVMS Pro

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 re-leased with the surveillance hardware and exclusively sup-ports CP PLUS devices

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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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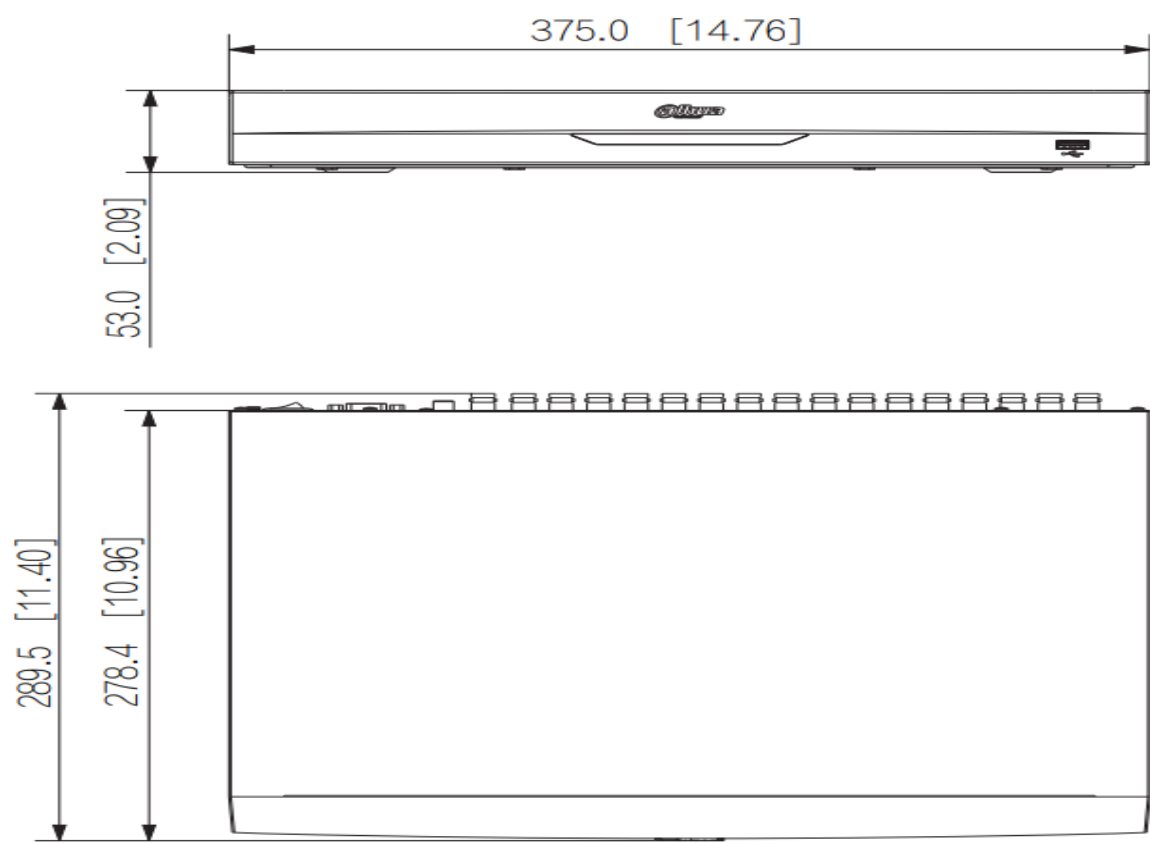
CP-UVR-3201K2-I3-V2
32 Ch. 5MP Digital Video Recorder

Feature	Specification
Processor	Industrial-grade processor
Operating System	Embedded LINUX
IP Camera Input	32 channels
Camera Input	CVI: 5MP@20fps, 5MP@25fps, 5MP@10/12.5fps, 4MP@25/30fps, 2MP@25/30fps, 1MP@50/60fps, 1MP@25/30fps
Analog Camera Input	32 BNC ports, supports HDCVI/AHD/TVI/CVBS auto detect
Two-way Talk	Support
User Interface	Web, Local GUI
Perimeter Performance AI by NVR	Advanced Model: 2 channels, 10 IVS for each channel, General Model: 8 channels, 10 IVS for each channel
Video Output	1 HDMI, 1 VGA, 1 TV VGA: 1920 × 1080, 1280 × 1024, 1280 × 720 HDMI: 3840 × 2160, 1920 × 1080, 1280 × 1024, 1280 × 720
Face Detection Performance of AI by NVR	2 channels
Video Streaming	Main stream: 5MP Mode: 4-ch 5MP@(1-6fps) other channels 5M-N@ (1-12fps) 5M-N Mode: All channel 5M-N@(1–12fps);4M-N,1080p@(1–15fps); 1080N, 720p, 960H, D1,CIF@(1–25/30fps) Sub stream: D1, CIF@(1–15fps)
Face Attributes	Gender, Age group, Glasses, Expressions, Face mask, Beard
Face Database Capacity	Up to 10 face databases with 10,000 face images in total- Name, Gender, Birthday, Address, Certificate type, Certificate No., countries & regions and state can be added to each face image
SMD Plus by NVR	16 channels: Secondary filtering for human and motor vehicle, reducing false alarms caused by leaves, rain and lighting condition change
Face Recognition Performance of AI NVR	2 channels
TV Output	1 channel
Network Mode	Single-address mode

Feature	Specification
Stream Capability	Dual-stream
Video Display Split	1/4/8/9/16/25/36
Bit Rate	32 Kbps–6144 Kbps
Audio Bit Rate	64 kbps
Audio Input	1-channel RCA 32-channel BNC
Audio Output	1-channel RCA
Audio Compression	G.711a, G.711u, PCM, AAC
Video Compression	Instastream, H.265, H.264+, H.264
Hard Disk	2 SATA ports, up to 16TB capacity for each disk. The maximum HDD capacity varies with environment temperature
Record Mode	General, motion detection, intelligent, alarm, POS
Disk Group	Support
Audio Sample Rate	8 kHz, 16 bit Per Channel
General Alarm	Motion detection, video loss, tampering
Anomaly Alarm	No disk, storage error, disk full, camera offline, IP conflict, MAC conflict
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
Recording Playback	1/4/9/16
Playback Mode	Instant playback, general playback, event playback, tag playback, smart playback (face and motion detection)
Interface Ports	2 (1 front USB 2.0 port, 1 rear USB 3.0 port), 1 RS485 Port
Ethernet	RJ-45 Port (10/100/1000 Mbps Ethernet port)
Protocols	HTTP, HTTPS, TCP/IP, IPv4, RTSP, UDP, SMTP, NTP, DHCP, DNS, DDNS, ONVIF 22.12(Profile T, Profile S, Profile G), CGI, SDK
Backup Mode	USB Device/ Network
Smart Phone	iPhone, iPad, Android Phone
Browser	Chrome, IE, Firefox
Power Supply	DC 12V, 5A
Power Consumption	<16 W
Operating Temperature	−10°C to +55°C (14°F to +131°F)

CE FC RoHS COMPLIANT ONVIF

Feature	Specification
Operating Humidity	10%–90% (RH)
Dimensions	375.0mm × 289.4mm × 53.0mm
Weight	1.90 kg

Dimensions (mm/inch)