CP-UVR-3201K2-I3-V2

32 Ch. 5MP Digital Video Recorder

- Supports HDCVI/AHD/TVI/CVBS/IP video inputs
- Instastream, H.265, H.264+, H.264, dual stream video compression
- Max. 32 channels IP camera inputs, each channel up to 6MP, Max 128Mbps incoming bandwidth
- Up to 8 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 2 SATA HDDs up to 16TB Each
- 1 HDMI/ 1 VGA/ 1 TV Simultaneous/heterogeneous video output
- Mobile Software: iCMOB, gCMOB
- CMS Software: KVMS Pro Lite

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.

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Functions

Signal auto-adapt

This DVR recognizes the signal type (CVI, TVI, AHD, CVBS) and automatically adapts without requiring any manual interven-tion. 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 flexi-bility 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 Lite

The KVMS Pro Lite 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.
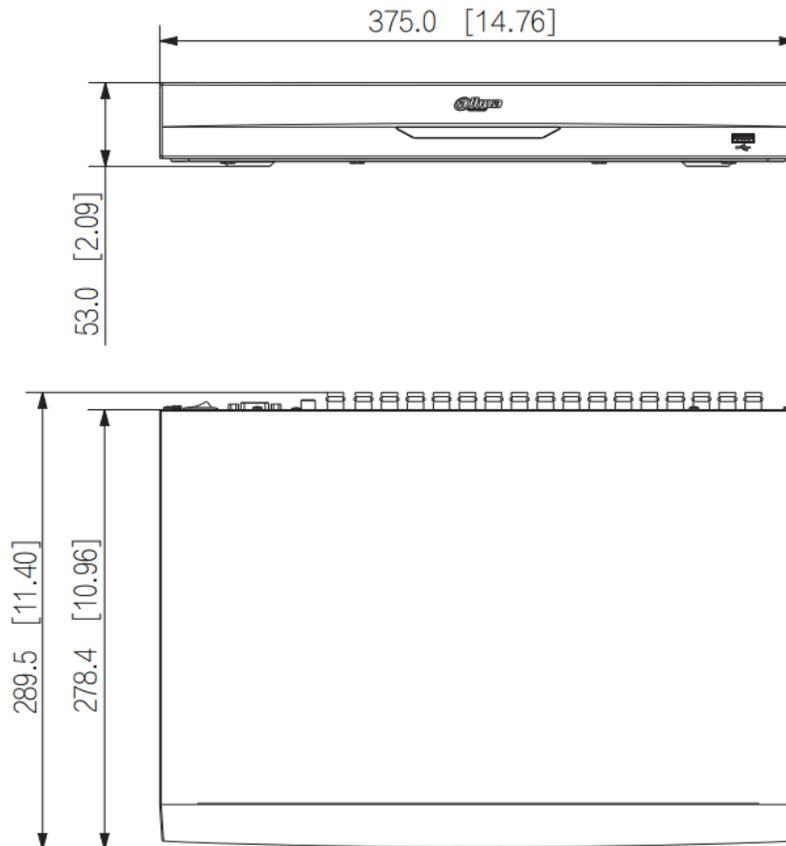
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Feature	Specification
Processor	Industrial-grade processor
Operating System	Embedded Linux
User Interface	Web, Local GUI
Analog Camera Input	32 BNC ports, Supports HDCVI/AHD/TVI/CVBS autodetect
IP Camera Input	Up to 32 channels of IPC access 32 channels (analog channels are converted to IP channels) incoming bandwidth: 128 Mbps, recording bandwidth: 128 Mbps and outgoing bandwidth: 128 Mbps
Two-way Talk	Support (share the same audio input with the first 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 Attributes	Gender, Age group, Glasses, Expressions, Face mask, Beard
Abnormality Alarm	No disk, Storage error, Disk full, Camera offline, IP conflict, MAC conflict
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
TV Output	1 channel
Network Mode	Single-address mode
Encoding Capacity	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)
Perimeter Performance AI by DVR	Advanced Model: 2 channels, 10 IVS for each channel General Model: 8 channels, 10 IVS for each channel
Stream Capability	Dual stream
Video Display Split	1/4/8/9/16/25/36
Video Compression	Instastream, H.265, H.264+, H.264

Feature	Specification
Face Recognition Performance AI by DVR	2 channels
Face Detection Performance of AI by DVR	2 channels (up to 12 face images/s each channel)
Bit Rate	32 kbps–6144 kbps
SMD Plus by DVR	16 channels: Secondary filtering for human and motor vehicle, Reducing false alarms caused by leaves, Rain and lighting condition change
Camera Input	1. CVI: 5MP@20fps, 5MP@25fps, 5MP@10/12.5fps, 4MP@25/30fps, 1080p@25/30fps, 720p@50/60fps, 720p@25/30fps 2. TVI: 5MP@20fps, 4MP@25/30fps, 1080p@25/30fps, 720p@25/30fps 3. AHD: 5MP@20fps, 4MP@25/30fps, 1080p@25/30fps, 720p@25/30fps
Audio Sample Rate	8 kHz, 16 bit
Hard Disk	2 SATA ports, up to 16TB capacity for each disk. The maximum HDD capacity varies with environment temperature
Disk Group	Support
General Alarm	Motion detection, Video loss, Tampering
Audio Bit Rate	64 kbps
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
Recording Mode	General, Motion detection, Intelligent, Alarm, POS
Playback Mode	Instant playback, General playback, Event playback, Tag playback, Smart playback (face and motion detection)
Backup Mode	USB device and network
Interface Ports	2 USB (1 front USB 2.0 port, 1 rear USB 3.0 port), 1 HDMI, 1 VGA, 1 RS485
Ethernet	1 (10/100/1000 Mbps Ethernet port, RJ-45)
Audio Input	1 channel RCA, 32 channel BNC (Coaxial Audio)
Audio Output	1 channel RCA
Protocols	HTTP, HTTPS, TCP/IP, IPv4, RTSP, UDP, SMTP, NTP, DHCP, DNS, DDNS, P2P, ONVIF 22.12 (Profile T, Profile S, Profile G), CGI, SDK

Feature	Specification
Audio Compression	G.711a, G.711u, PCM, AAC
Browser	Chrome, IE9 or later, Firefox
Smart Phone	iOS, Android
Power Supply	DC 12V, 5A
Power Consumption	<16 W (without HDD)
Operating Temperature	−10 °C to +55 °C (14 °F to +131 °F)
Operating Humidity	10%–90% (RH)
Dimensions	375.0 mm × 289.4 mm × 53.0 mm
Weight	1.90 kg (4.20 lb)

Dimensions (mm/inch)

375.0 [14.76]

53.0 [2.09]

289.5 [11.40]

278.4 [10.96]

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