

CP-UNR-4K4322-V4

32 Ch. 4K Network Video Recorder

- Up to 32 channel IP camera input
- Instastream, H.265, H.264, H.264, MJPEG Decoding
- Max. decoding capability: 8 × 1080p@30 fps or 2 × 8 MP@30 fps
- Max. 160/128/60 Mbps Incoming/ Recording/ Outgoing Bandwidth
- Support 2 SATA HDDs up to 20TB Each, 2 USB Ports
- HDMI / VGA simultaneous video output
- AI by Camera: Face detection and recognition, Perimeter protection, SMD Plus, People counting, Stereo analysis and heat map
- Support Multi-brand network cameras
- Mobile Software: iCMOB, gCMOB
- CMS Software: KVMS Pro Lite



System Overview

This highly intelligent video surveillance server is now combining the latest video management features to the authentic video storage functions within a single device, making this Series surpass all ordinary NVR products. This NVR works effectively in detecting and recognizing faces and can be installed in a wide-variety of situations. The deep learning artificial intelligence technology in this product uses the video image metadata technology, which offers you highly accurate face recognition and efficient perimeter protection at all times.

This product has been given the revolutionary UI design that allows you to operate and manage your device with increased ease and comfort, improving the value and experience of the surveillance conducted by you.



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Functions

Smart Motion Detection (SMD Plus) by Camera

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.

H.265

H.265 is the latest innovation among the standard video compression designs. This technology is beneficial for minimizing storage costs and provides big savings on resolution and the rate of frame in the video through the use of Intelligent Region Perception to detect motion in each frame.

Face Detection by Camera

With the help of the deep learning algorithm that is used in this technology, people can easily be detected, tracked, recorded, and captured. It takes only a second to detect one human face. Face detection is useful in cameras to help with auto-focus. This technology is mainly used to identify the presence of a human face.

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 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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32 Ch. 4K Network Video Recorder

Feature	Specification
Processor	Industrial-grade processor
Operating System	Embedded LINUX
IP Camera Input	32 channel
User Interface	Web, Local GUI
AI by Camera	Face detection, Face recognition, Perimeter protection, SMD Plus, People counting, Stereo analysis, Heat map
AI by NVR	SMD Plus
Perimeter Performance of AI by Camera	6 Channels
Video Output	1 HDMI, 1 VGA Simultaneous: HDMI: 3840 × 2160, 1920 × 1080, 1280 × 1024, 1280 × 720 VGA: 1920 × 1080, 1280 × 1024, 1280 × 720 Heterogeneous: HDMI: 1920 × 1080, 1280 × 1024, 1280 × 720 VGA: 1920 × 1080, 1280 × 1024, 1280 × 720
Face Attributes	Gender, Age group, Glasses, Expressions, Face mask, Beard
Abnormality Alarm	Camera disconnection, Storage error, Disk full, IP conflict, MAC conflict, Login locked, Cybersecurity exception
SMD Plus by Camera	6 Channels
SMD Plus by NVR	2 channels: Secondary filtering for human and motor vehicle, reducing false alarms caused by leaves, rain and lighting condition change
Face Recognition AI by NVR	6 Channels
Face Detection AI by Camera	6 Channels
Resolution	12 MP, 8 MP, 6 MP, 5 MP, 4 MP, 3 MP, 2MP, 960p, 720p, D1, CIF, QCIF
Decoding Capability	AI disabled: 1 Channel 12 MP@30 fps, 2 Channel 8 MP@30 fps, 3 Channel 5 MP@30 fps, 4 Channel 4 MP@30 fps, 8 Channel 1080p@30 fps AI enabled: 1 Channel 12 MP@30 fps, 1 Channel 8 MP@30 fps, 2 Channel 5 MP@30 fps, 3 Channel 4 MP@30 fps, 7 Channel 1080p@30 fps
Video Compression	Instream; H.265, H.264+, H.264

Feature	Specification
Network Bandwidth	AI disabled: 160 Mbps incoming, 128 Mbps recording and 60 Mbps outgoing AI enabled: 80 Mbps incoming, 80 Mbps recording and 60 Mbps outgoing
Alarm Input	4 Channels
Alarm Output	2 channels (1-channel 12 V 1 A output)
Smart Phone	iPhone, iPad, Android Phone
Disk Group	Support
Video Display Split	AI disabled: Main Screen: 1/4/8/9/16/25/36, Sub Screen: 1/4/8/9/16 AI enabled: Main Screen: 1/4/8/9/16, Sub Screen: 1/4/8/9/16
Audio Input	1 Channel RCA
Audio Output	1 Channel RCA
Audio Compression	G.711a, G.711u, PCM, G726, AAC
Record Mode	General, Motion detection, Intelligent, Alarm
Hard Disk	2 SATA ports. Each disk can contain up to 20 TB. This limit varies depending on the environment temperature
General Alarm	Motion detection, Privacy masking, Video loss, Scene changing, PIR alarm, IPC external alarm
Intelligent Alarm	Face detection, Face recognition, Perimeter protection, SMD Plus, People counting, Stereo analysis, Heat map
Alarm Linkage	Record, Snapshot, IPC external alarm output, Audio, Buzzer, Log, Preset, Email
Browser	Chrome, IE, Safari, Edge, Firefox
Multi-Channel Playback	Up to 16 Channels
Playback	Instant playback, General playback, Event playback, Tag playback, Smart playback
Backup Mode	USB device and Network
Interface Ports	2 (1 front USB 2.0 port, 1 rear USB 2.0 port), 1 HDMI, 1 VGA
Ethernet	1 (10/100/1000 Mbps Ethernet port, RJ-45)
Protocols	HTTP, HTTPS, TCP/IP, IPv4, IPv6, UDP, NTP, DHCP, DNS, SMTP, UPnP, IP Filter, FTP, DDNS, SNMP, Alarm Server, InstaOn, Auto Registration, ONVIF 2.2(Profile T, Profile S, Profile G), CGI, SDK
Power Supply	12 VDC, 4 A
Power Consumption	Total output of NVR is <10 W(without HDD)

Feature	Specification
Operating Temperature	-10 °C to +55 °C (14 °F to +131 °F)
Storage Temperature	-20 °C to +60 °C (-4 °F to +140 °F)
Operating Humidity	10%–93% (RH), non-condensing
Dimensions	375.0 mm × 282.9 mm × 53.0 mm
Weight	1.49 kg

Company Name:

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