CP-UNR-4K4322-V3

32Ch. H.265+ 4K Network Video Recorder

- Up to 32 channel IP camera input
- Smart H.265+/H.265/Smart H.264+/H.264/MJPEG
- Max. decoding capability: 8 x 1080p@30fps. Supports adaptive decoding
- Supports mainstream cameras of ONVIF and RTSP protocols
- Support 2 SATA HDDs up to 10TB Each, 2 USB Ports
- VGA/HDMI simultaneous video output, maximum resolution of HDMI is 4K
- Support Multi-brand network cameras
- AI by Camera: Face detection, perimeter protection, IVS, people counting, heat map, and SMD
- Mobile Software: iCMOB, gCMOB
- CMS Software: KVMS Pro

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

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.

ASIA 2 | WORLD TOP 4 | CE FC RoHS COMPLIANT ONVIF

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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.

Smart 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

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	Industrial-grade embedded processor
IP Camera Input	32 channel
Operating System	Embedded LINUX
Operation Interface	Web/operating in local GUI
Performance by Camera	8 channel
AI Search by Camera	Search for pictures by channel, time and event type
Face Attributes	6 attributes: Gender, age, glasses, expression, mouth mask, and beard
AI Search by Face Detection	Search for pictures by channel, time and face attributes
Performance by Face Detection	4 channels
Video Output	1 × VGA output, 1 × HDMI output, supports simultaneous video sources output for VGA and HDMI
Compression	Smart H.265+/H.265/Smart H.264+/H.264/MJPEG
Performance by SMD Camera	12 channels
AI Search by SMD Camera	Search by target classification (human, vehicle)
Network Bandwidth	Access: 160 Mbps; Storage: 128 Mbps; Forward: 48 Mbps
Resolution	8MP; 6MP; 5MP; 4MP; 3MP; 1080P; 720P; D1
Decoding Capability	8 × 1080p@30fps
Multi-screen Display	1 , 4, 8, 9, 16, 25, 32 views
Third-party Camera Access	ONVIF; RTSP
General Alarm	Motion detection, privacy masking, video loss, scene changing, PIR alarm, IPC external alarm
Anomaly Alarm	Camera disconnection, storage error, disk full, IP conflict, MAC conflict, login locked, and cybersecurity exception
Alarm Linkage	Recording, snapshot, local external alarm output, audio, buzzer, log, preset, and email

Feature	Specification
Intelligent Alarm	Face detection, perimeter protection (intrusion and tripwire), IVS, people counting, heat map, and SMD alarms
Audio Compression	PCM/G711A/G711U/G726/AAC
Audio Input	1 × RCA input
Audio Output	1 × RCA output
Alarm Input	4 Channel
Alarm Output	2 Channel
Record Mode	Manual record; alarm recording; SMD recording; smart recording
Smart Phone	iPhone, iPad, Android Phone
Hard Disk	2 SATA III ports, up to 10 TB for a single HDD. The maximum HDD capacity varies with environment temperature
Browser	Chrome; IE9 or later; firefox
Disk Group	Yes
Multi-channel Playback	Up to 16 channels for playback
Playback Function	Play/pause/stop/slow/quick/backward/by frame Full screen, backup (video clip/file), partial zoom in, and audio on/off
Storage	Local HDD; network
Backup	USB storage device
Interface Ports	2 USB Ports (1 × front USB2.0; 1 × back USB2.0)
Ethernet	1 × RJ-45, 10/100/1000 Mbps self-adaptive Ethernet port
Protocols	HTTP; HTTPS; TCP/IP; IPv4/IPv6; UPnP; SNMP; RTSP; UDP; SMTP; NTP; DHCP; DNS; IP Filter; DDNS; FTP; Alarm Server; IP Search, P2P, auto register, ONVIF (profile T/S/G); CGI; SDK
Power Supply	12 V DC, 4 A
Power Consumption	< 5.6 W (HDD not included, idling)
Working Temperature	-10°C to +55°C (+10 °F to +131 °F)
Storage Temperature	0 °C to +40 °C (32 °F to 104 °F)
Storage Humidity	30%~85%
Operating Humidity	10%~93%
Operating Altitude	3000 m
Dimensions	375 mm × 282.4 mm × 53 mm (14.76" × 11.12" × 2.09") (W × L × H)
Weight	1.5 kg