CP-UNR-4K664R16-EV2

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

- Up to 64 channel IP camera input
- Up to 12MP resolution preview and playback
- Access, storage or forwarding at 384 Mbps
- Support 16 SATA III ports, up to 10TB Each , 4 USB Ports (2 USB3.0), 1 eSATA port
- Smart Tracking and Intelligent Video
- 2 Simultaneous video output for VGA and HDMI1; 4K heterogeneous output for the 2 HDMI ports
- Remote configuration and management of IPCs, such as setting parameters, acquiring information and upgrading IPCs of the same model in batches
- Support RAID 0/1/5/6/10
- Redundant power supply module adopted
- AI-by-camera functions such as perimeter protection, face detection and recognition, SMD Plus, video metadata, ANPR and 3D behavior analysis
- Mobile Software: iCMOB, gCMOB
- CMS Software: KVMS Pro

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

System Overview

This product is perfect for IP video surveillance around the globe as it uses a highly-efficient recording technology that brings to you the premium quality recordings. The 4K resolution present in this NVR helps in focusing on every minute detail in the image for critical activities such as identification of people and vehicles. On top of all that, this NVR comes with a mouse shortcut operation menu which lets you remotely manage and control the entire system. All of these functions make this NVR the best choice for a number of applications ranging from public safety, transportation stations to government and private institutions as well as city centers and shopping malls.

Functions

N+M Hot Standby

Understanding the need of the hour, this NVR has been crafted through using the greatly-reliable redundant N+M Hot Standby design which presents a secure, fail-safe way of ensuring immediate backup of the video from your security solution.

ASIA TOP 2 | WORLD TOP 4

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Functions

RAID 0/1/5/6/10

Offering a balance between storage performance, storage capacity, and data integrity, the NVR features Fruitfull RAID 0/1/5/10 for faster and safer recording.

ANR Technology

The automatic network replenishment technology has eased conducting surveillance manifolds by automatically storing the video data on an IP Camera SD card when the network is disconnected to prevent losing the video feed even for a single second. And so, whenever the network has been recovered next, the data is automatically transferred to the NVR.

4K Resolution

Created ideally for covering every inch of the space that is under surveillance, the 4K resolution technology lets you enjoy complete clarity in a magnified image. This technology has proven to be the most beneficial for image processing because it provides four times the better resolution of a standard HDTV 1080P Camera.

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 PLUS

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

Feature	Specification
Processor	Industrial embedded micro-processor
IP Camera Input	64 channel
Operating System	Embedded LINUX
Performance Perimeter Protection by Camera	24 Channels
AI Search	Search pictures by channel, time, event type
User Interface	GUI
Performance Face Recognition by Camera	24 channels
Face Attributes	6 attributes: Gender, age, glasses, expression, mouth mask, and beard
AI Search	Search pictures by channel, time and face attributes
Performance SMD Plus by Camera	32 channels
AI Search	Search by target classification (Human, Vehicle)
Performance Video Metadata by Camera	12 channels
Human Body	Top, top color, bottom, bottom color, hat, bag, gender, age, umbrella
Vehicle	Plate No., type, color, vehicle type, logo, plate color, ornament, calling, seatbelt, region
Non-motor Vehicle	Type, color, number of passengers, helmet
AI Search	Support search target video by metadata
Performance ANPR by Camera	8 channels
Performance Stereo Analysis by Camera	32 channels
AI Search	Search by target classification (Fall Detection, People Approach Detection, People No. Exception Detection, People Staying Detection, Violence Detection)
Decoding Capability	16-ch@1080p (30fps)

CP PLUS

Feature	Specification
Video Output	VGA: 1920 × 1080, 1280 × 1024, 1280 × 720 HDMI1/HDMI2: 3840 × 2160@30 fps, 3840 × 2160 @25 fps, 1920 × 1080, 1280 × 1024, 1280 × 720 1 channel VGA output, 2 channels HDMI output, VGA and HDMI 1 homologous output, double HDMI heterogeneous output. Support 4K display for both HDMI1 and HDMI2
Compression	Smart H.265+/H.265/Smart H.264+/H.264/MPEG4/MJPEG
Video Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/960P/720P/D1/CIF/QCIF
Network Bandwidth	384 Mbps for access, 384 Mbps for storage and 384 Mbps for forwarding
Video Display Split	1st Screen: 1/4/8/9/16/25/36/64 , The 2nd screen: 1/4/8/9/16
Audio Compression	AAC/MP2/G726/G729/G722/G723/G711A/G711U/PCM
Audio Input	1 channel, RCA connector
Audio Output	1 channel, RCA connector
Alarm Input	16 Channel
Alarm Output	8 Channel
General Alarm	Motion detection, privacy masking, video loss, local alarm, PIR alarm, IPC alarm
Anomaly Alarm	Camera offline, storage error, full storage, IP conflict, MAC conflict, login lock, network security anomaly
Intelligent Alarm	Perimeter protection, face detection, face recognition, SMD, video metadata (human, motor-vehicle, non-motor vehicle), ANPR, people counting, stereo analysis, crowd distribution, heatmap, video quality diagnosis
Alarm Linkage	Record, snapshot, IPC external alarm output, buzzer, log, preset, email
Multi-channel Playback	1/4/9/16
Playback Function	1. Play, pause, stop, fast forward, fast backward, rewind, play by frame 2. Full screen, backup (cut/file), partially enlarge, audio on/off
Smart Phone	iPhone, iPad, Android
Hard Disk	16 SATA III ports, up to 10TB Each, 1 eSATA
Raid Support	RAID 0/1/5/6/10
Disk Group	Support
Backup Mode	Hard drive, USB device, eSATA device
Record Mode	Manual, Schedule (General, MD (Motion Detection), Alarm, MD & Alarm, Intelligent, POS)
Storage Method	Local HDD and network
Interface Ports	4 USB ports(2 USB2.0, 2 USB3.0), 1 Mini SAS port, for storage expansion, 1 RS485, 1 RS232

CP PLUS

Feature	Specification
Ethernet	6 in total, 4 × RJ45 10/100/1000 Mbps self-adaptive Ethernet ports and 2 × 1000 Mbps optical port
Protocols	HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, SNMP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, IP Search, P2P, ONVIF (profile T/S/G), CGI, SDK
Power Supply	AC100V ~ 240V, 50 ~ 60 Hz, Redundant
Power Consumption	<51W (Without HDD)
Working Temp	-10°C to +55°C (+14°F to +131°F), +35°C (+95°F) when raid enabled
Storage Temp	0°C to +40°C (+32°F to +104°F)
Operating Humidity	10%–93% (RH)
Storage Humidity	30%–85% (RH)
Operating Altitude	3000 m
Dimensions	485 mm × 516.5 mm × 133.2 mm (W × L × H)
Weight	19.1kg (without HDD)

Dimensions (mm/inch)