

CP-UNR-4K664R8-EV2

64 Ch. 4K Network Video Recorder

- Up to 64 channel IP camera input
- Up to 12MP resolution preview and playback
- Max 384Mbps incoming bandwidth
- Support 8 SATA HDDs up to 16TB Each, 4 USB Ports (2 USB3.0), 1 eSATA port
- 2 HDMI / 1 VGA simultaneous video output
- Support Multi-brand network cameras
- Support RAID 0/1/5/6/10
- Redundant Power Supply
- ONVIF Version 2.4 conformance
- Mobile Software: iCMOB, gCMOB
- CMS Software: KVMS Pro



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.



CP-UNR-4K664R8-EV2

64 Ch. 4K Network Video Recorder

Functions

RAID 0/1/5/6/10

Offering a balance between storage performance, storage capacity, and data integrity, the NVR features Fruitfull RAID 0/1/5/6/10 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.

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.

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.



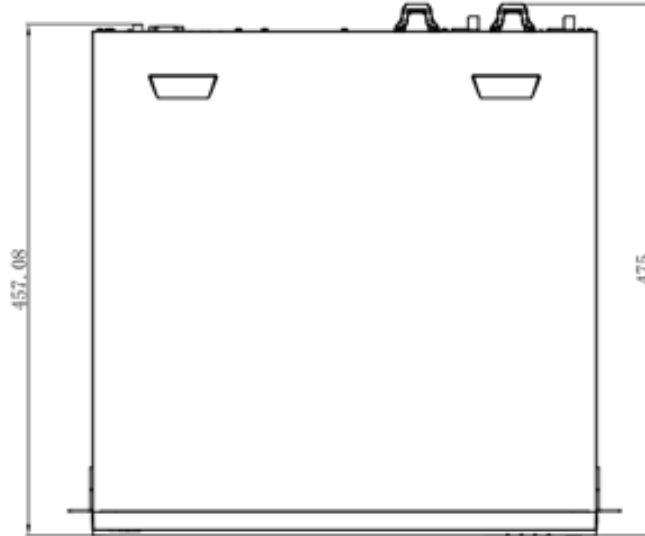
CP-UNR-4K664R8-EV2

64 Ch. 4K Network Video Recorder

Feature	Specification
Processor	Industrial embedded micro-processor
IP Camera Input	64 channel
Operating System	Embedded LINUX
Two-way Talk	1 channel Input, 1 channel Output, RCA
User Interface	GUI
Video Output	2 HDMI (up to 3840× 2160), 1 VGA
Video Compression	H.265/Smart H.264+/H.264/MPEG4/MJPEG
Encode Strategy	Instastream
Audio Compression	AAC/MP2/G726/G729/G722/G723/G711A/G711U/PCM
Perimeter Protection by Camera	24 channels
AI Search	Search pictures by channel, time, event type
SMD Plus by Camera Performance	32 channels
AI Search	Search by target classification (Human, Vehicle)
ANPR by Camera Performance	8 Channel
Stereo Analysis by Performance Camera	32 channels
AI Search	Search by target classification (Fall Detection, People Approach Detection, People No. Exception Detection, People Staying Detection, Violence Detection)
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
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

Feature	Specification
Video Resolution	3840× 2160, 1920× 1080, 1280× 1024, 1280× 720, 1024× 768
Video Recording	384Mbps
Video Display Split	The 1st screen: 1/4/8/9/16/25/36, The 2nd screen: 1/4/8/9/16
Resolution	12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 1.3MP, 720P etc.
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Motion Detection	MD Zones: 396(22×18).
Video Loss	Supports
Camera Blank	Supports
Alarm Input	16 Channel
Alarm Output	8 Channel
Smart Phone	iPhone, iPad, Android Phone
Hard Disk	8 SATA III ports, up to 16TB Each, 1 eSATA port
Trigger Events	Recording, PTZ, Tour, Alarm Out, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips
Tracking Trigger Event	Zoom, Tracking, Recording, Preset, Snapshot, Alarm, etc.
Bit Rate	16Kbps ~ 20Mbps Per Channel
HDD Management	Single, Raid 0/1/5/6/10 (Support global HDD hot-spare)
Hot-Swap	Support
Recording Mode	Manual, Schedule (Regular, MD (Motion Detection), Alarm, IVS), Holiday, Stop
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second)
Multi-channel Playback	1/4/9/16
Playback	128Mbps in Raid 5 mode, 64Mbps in single HDD mode
Backup Mode	USB Device/Network/eSATA Device
Interface Ports	4 USB ports(2 USB2.0, 2 USB3.0), 1 RS485, 1 RS232
Max User Account	128 users
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec
Ethernet	2 RJ-45 port (10/100M/1000Mbps)
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	<20W (Without HDD)
Working Temp	-10 ~+55°C / 10~90%RH / 86~106kpa
Dimensions	444mm x 457mm x 95mm
Weight	9.7kg (without HDD)

Dimensions (mm/inch)



Company Name:

CP PLUS (Aditya Infotech Ltd.)

F-28 Okhla Industrial Area, Phase 1,

New Delhi 110020, INDIA

Contact Mail ID :- customercare@cpplusworld.com