

# CP-UNR-4K664R16-V2

## 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 16 SATA III ports, up to 16TB Each, 4 USB Ports (2 USB3.0), 1 eSATA port
- Smart Tracking and Intelligent Video
- 2 HDMI / 1 VGA simultaneous video output
- Support Multi-brand network cameras
- Support RAID 0/1/5/6/10
- Support Mini SAS for Expanded Storage Space
- 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.



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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 0/1/5/6/10 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.



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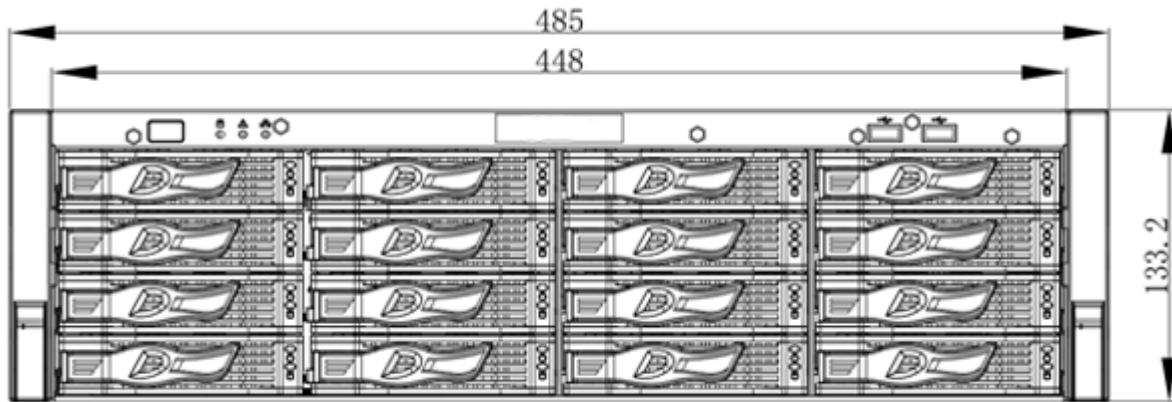
Feature	Specification
Processor	Intel Quad-core Processor
IP Camera Input	64 channel
Operating System	Embedded LINUX
Two-way Talk	1 channel Input, 1 channel Output, RCA
User Interface	GUI
Video Output	2 HDMI (up to 3840 x 2160 , Different Source), 1 VGA
Compression	H.265/Smart H.264+/H.264/MPEG4/MJPEG
Encode Strategy	Instastream
Front Cover	Support Hot-swap
Video Resolution	3840× 2160, 1920× 1080, 1280× 1024, 1280× 720, 1024× 768
Video Recording	384Mbps
Video Display Split	The 1st screen: 1/4/8/9/16/25/36/64, The 2nd screen: 1/4/8/9/16
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Bit Rate	16Kbps ~ 20Mbps Per Channel
Motion Detection	MD Zones: 396(22×18).
Video Loss	Supports
Camera Blank	Supports
Alarm Input	16ch, low level effective, green terminal interface
Alarm Output	8 Channel, NO/NC Programmable, Green Terminal Interface
Smart Phone	iPhone, iPad, Android
Hard Disk	16 SATA III ports, up to 16TB Each, 1 eSATA
Trigger Events	Recording, PTZ, Tour, Alarm Out, Video Push, Email, FTP, Snapshot, Buzzer, Screen Tips
Tracking Trigger Event	Zoom, Tracking, Recording, Preset, Snapshot, Alarm, etc.
HDD Management	Raid 0/1/5/6/10 (Support global HDD hot-spare)
Recording Mode	Manual, Schedule (Regular, MD (Motion Detection), Alarm, IVS), Holiday, Stop
Search Mode	Time /Date, Alarm, MD and Exact Search (accurate to second)

Feature	Specification
Playback	128Mbps in Raid 5 mode, 64Mbps in single HDD mode
Backup Mode	USB Device/Network/eSATA Device
Record Interval	1 ~ 120 min (default: 60 min), Pre-record: 1 ~ 30sec, Post-record: 10 ~ 300 sec
Max User Account	128 users
Interface Ports	4 USB ports(2 USB2.0, 2 USB3.0), 1 Mini SAS port, for storage expansion, 1 RS485, 1 RS232
Ethernet	4 RJ-45 Ports (10/100/1000Mbps)
Optical Fiber Interface	2 Giga Optical Fiber Interface
Protocols	HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP,SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, IP Search , ONVIF 2.4, CGI Conformant
Power Supply	AC100V ~ 240V, 50 ~ 60 Hz
Power Consumption	<51W (Without HDD)
Working Temp	-10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa
Dimensions	485mm x 512.9mm x 133.2mm (19.1" x 20.2" x 5.2")
Weight	17.6kg (without HDD)

THINK SECURITY  
THINK CP PLUS



Dimensions (mm/inch)



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*\*Product casing and specifications are subject to change without prior notice*