# CP-UNR-4K564R8-V2

## 64 Ch. 4K Network Video Recorder

- Up to 64 channel IP camera input
- Up to 12MP resolution preview and playback
- Max 320Mbps incoming bandwidth
- Instastream/H.265/Smart H.264+/H.264/MJPEG
- Support 8 SATA HDDs up to 16TB Each, 4 USB Ports (2 USB3.0), 1 eSATA port
- 2 HDMI / 2 VGA simultaneous video output
- Support Multi-brand network cameras
- Support RAID 0/1/5/10
- ONVIF Version 2.4 conformance
- Mobile Software: iCMOB, gCMOB
- CMS Software: KVMS Pro



## System Overview

The CP Plus Pro Series of NVRs have been meticulously designed for providing you with upgraded performance and higher recording quality in your IP video surveillance solution. The robust processor that has been inculcated in this NVR lets you enjoy 4K resolution and brings out every little detail from the picture in a clear view. This NVR is being used worldwide at a variety of places because of its easy-to-install design. This NVR also supports the features of open architecture that enable multi-user access and is also compatible with ONVIF 2.4 protocol which makes it interoperable with 4K cameras.

## Functions

### ANPR Technology

The automatic number plate recognition technology is being widely used these days as this enables accurate, automatic reading of every vehicle's number plate that is crossing a border or an entrance and then automatically runs that number through the system to detect if the vehicle should be allowed to enter or not

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## Functions

### RAID 0/1/5/10

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.

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| Feature | Specification |
|---|---|
| Processor | Quad-core Processor |
| IP Camera Input | 64 channel |
| Operating System | Embedded LINUX |
| Two-way Talk | 1 channel Input, 2 channel Output, RCA |
| User Interface | GUI |
| Video Output | 2 HDMI , 2 VGA |
| Compression | Instastream/H.265/Smart H.264+/H.264/MJPEG |
| Video Resolution | HDMI1: 3840 × 2160 , 1920 × 1080 , 1280 × 1024, 1280 × 720 , 1024 × 768<br>VGA1: 1920 × 1080 , 1280 × 1024, 1280 × 720 , 1024 × 768 ; HDMI2/VGA2: 1920 × 1080 |
| Video Recording | 320Mbps |
| Video Display Split | 1st Screen: 1/4/8/9/16/25/36/64, 2nd Screen: 1/4/8/9/16 |
| Resolution | 12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 1.3MP, 720P etc. |
| OSD | Camera title, Time, Camera lock, Motion detection, Recording |
| Motion Detection | MD Zones: 396(22×18). |
| Video Loss | Supports |
| Camera Blank | Supports |
| Alarm Input | 16 Ch. |
| Alarm Output | 6 Ch. |
| 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 |
| PoE | N/A |
| Bit Rate | 16Kbps ~ 20Mbps Per Channel |
| RAID | Raid 0/1/5/10 |
| Decoding Capability | 4-ch@8MP(30fps), 16-ch@1080P(30fps) |
| Recording Mode | Manual, Schedule (Regular, MD (Motion Detection), Alarm, IVS), Stop |
| Search Mode | Time/Date, Alarm, MD & Exact search (accurate to second) |

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| Feature | Specification |
|---|---|
| Sync Playback | 1/4/9/16 |
| Playback Function | Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Backup Selection, Digital Zoom |
| 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) Independent or Joint Working |
| Protocols | HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, SNMP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, IP Search , ONVIF 2.4, SDK, CGI |
| Power Supply | Single, AC100V ~ 240V, 50 ~ 60 Hz |
| Power Consumption | <16.7W (Without HDD) |
| Fan | Smart fan, automatically adjust running speed |
| Working Temp | -10 ~+55°C / 10~90%RH / 86~106kpa |
| Dimensions | 440mm x 451.5mm x 94.9mm |
| Weight | 6.55kg (without HDD) |

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## Dimensions (mm/inch)