

# CP-UNR-4K2082-V3

## 8 Ch. 4K Network Video Recorder

- Industrial-grade processor with Embedded Linux OS
- Instastream/H.265/H.264 /Smart H.264 /H.264 decoding formats
- Max. decoding capability: 6 × 1080p@30 fps
- Max. 80/80/60 Mbps incoming/recording/outgoing bandwidth
- Support 2 SATA HDDs up to 20TB, 2 USB ports(2.0)
- HDMI / VGA simultaneous video output
- Support Multi-brand network cameras
- ONVIF Version 22.12
- Mobile Software: iCMOB, gCMOB
- CMS Software: KVMS, KVMS Pro



### System Overview

CP Plus has introduced the new and impactful range of NVRs under the Lite Series which has been integrated with the 4K and H.265 encoding technology that provides you with an outstanding at a reasonably pocketfriendly price. The 4K resolution processors present in this product help in bringing out every little detail in the image. Along with that, this NVR uses the intuitive shortcut operation menu which lets you control and manage the system remotely as well and can work as edge storage, central storage, backup storage

The highly compatible design of this NVR allows you to third-party devices. This makes this product the ideal solution to your surveillance requirements as it can run independently of video management systems. This NVR by CP Plus has wide-ranging applications such as in keeping the public safe, conserving the water, transportation, city centers, educational facilities, and other institutions.



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#### Functions

##### 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

##### 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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## 8 Ch. 4K Network Video Recorder

Feature	Specification
Processor	Industrial-Grade Processor
Operating System	Embedded LINUX
IP Camera Input	8Ch.
User Interface	Web, Local GUI
AI by Camera	Perimeter protection, SMD Plus
AI by NVR	SMD Plus
Perimeter Performance of AI	4 channels
Video Output	HDMI: 3840 × 2160, 1920 × 1080, 1280 × 1024, 1280 × 720
SMD Plus by Camera	4 channels
SMD Plus by NVR	4 channels: Secondary filtering for human and motor vehicle, reducing false alarms caused by leaves, rain and lighting condition change
Video Compression	H.265, Smart H.264+, H.264, MJPEG
Encode Strategy	Instastream
Resolution	12 MP; 8 MP; 5 MP; 4 MP; 3 MP; 1080p; 720p; D1
Multi Screen Preview	1/4/8/9
Network Bandwidth	80 Mbps incoming, 80 Mbps recording and 60 Mbps outgoing
Decoding Capability	AI disabled: 1-channel 12 MP@30 fps; 1-channel 8 MP@30 fps; 2-channel 5 MP@30 fps; 3-channel 4 MP@30 fps; 6-channel 1080p@30 fps AI enabled: 1-channel 8 MP@30 fps; 1-channel 5 MP@30 fps; 2-channel 4 MP@30 fps; 4-channel 1080p@30 fps

Feature	Specification
Record Mode	General, motion detection; intelligent; alarm
Audio Input	1-channel RCA
Audio Output	1-channel RCA
Audio Compression	G.711a; G.711u; PCM; G726;
Alarm Input	NA (4 channels are optional)
Alarm Output	NA (2 channels are optional, one of them is 1-channel 12 V 1 A output)
Smart Phone	iPhone, iPad, Android Phone
Hard Disk/Disk Type	2 SATA ports, up to 20TB each
General Alarm	Motion detection; camera external alarm; PIR alarm
Anomaly Alarm	Error (no disk, disk error, low space, low quota space; network disconnection; IP conflict; MAC conflict); video loss; video tampering; camera offline
Intelligent Alarm	Perimeter protection; SMD Plus
Alarm Linkage	Recording; snapshot; buzzer; log; preset; email; tour
Recording Mode	Manual, Schedule, Continuous, MD (Motion Detection), Alarm, IVS
Browser	Chrome; IE; Safari; Edge; Firefox
Playback	Instant playback; general playback; event playback; tag playback; smart playback
Backup Mode	USB Device / Network
Interface Ports	1 HDMI, 1 VGA, 2 USB Ports(1 Rear USB2.0, 1 Front USB2.0)
Multi-channel Playback	Up to 8 channels
Ethernet	1 RJ-45 port (10/100Mbps)
Protocols	HTTP; HTTPS; TCP/IP; IPv4; IPv6; UDP; NTP; DHCP; DNS; SMTP; IP Filter; DDNS; IP Search (Supports IP camera, DVR, NVS, etc.); Auto Registration, ONVIF 2.2(Profile T; Profile S; Profile G); CGI; SDK

Feature	Specification
Operating Temperature	−10 °C to +55 °C (14 °F to +131 °F)
Operating Humidity	10%–93% (RH), non-condensing
Storage Temperature	−20 °C to +60 °C (−4 °F to +140 °F)
Power Supply	DC12V/4A
Power Consumption	<10 W (without HDD)
Dimensions	375mm x 275mm x 53mm
Weight	1.49 kg