

CP-UNR-4K2081-V4

8 Ch. 4K Network Video Recorder

- Up to 8 channel IP camera input
- Instastream, H.265, H.264+, H.264, MJPEG Decoding
- Max. decoding capability: 6 × 1080p@30 fps
- Max. 80/80/60 Mbps incoming/recording/outgoing bandwidth
- AI by NVR: Supports 4 Channel IMD
- AI by Camera: Supports perimeter protection, IMD
- Support 1 SATA HDD up to 20TB Each, 2 USB Ports, 1 HDMI, 1 VGA, 1 RJ45
- Mobile Software: iCMOB, gCMOB
- CMS Software: KVMS Pro Lite



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 pocket friendly 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 centres, educational facilities, and other institutions.



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Functions

4K Resolution

4K resolution is a revolutionary breakthrough in image processing technology. 4K delivers four times the resolution of standard HDTV 1080P cameras and offers superior picture quality and image details. 4K resolution improves the clarity of a magnified scene to view or record crisp forensic video from large areas.

Intelligent Motion Detection (IMD+)

IMD+ in CP PLUS NVRs intelligently identifies real movement in the scene by distinguishing humans and vehicles from background noise such as light changes, rain, or moving leaves. This helps reduce false alarms and ensures that only important security events are recorded and notified. The system analyses the video in real time and accurately detects activity within defined areas. This makes surveillance smarter, more reliable, and easier to manage for both home and business users.

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 Lite

The KVMS Pro Lite 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	Industrial-grade processor
User Interface	Web, Local GUI
IP Camera Input	8 Channels
Operating System	Embedded Linux
Video Compression	Instream, H.265, H.264+, H.264, MJPEG
Resolution	12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080p, 720p, 960p, D1, CIF, QCIF
AI by NVR	IMD
AI by Camera	Perimeter protection, IMD
Perimeter Performance of AI by Camera	Human and vehicle detection on all channels, supporting up to 4 targets per second
Ethernet	1 (10/100 Mbps Ethernet port, RJ-45)
IMD+ by NVR	4 channels: Secondary filtering for human and motor vehicle, Reducing false alarms caused by leaves, Rain and lighting condition change
IMD+ by Camera	Human and vehicle detection on all channels, supporting up to 8 targets per second
Network Bandwidth	80 Mbps incoming, 80 Mbps recording and 60 Mbps outgoing
Decoding Capability	AI disabled: 1 Channel 12MP@30 fps, 1 Channel 8MP@30 fps, 2 Channel 6MP@30 fps, 2 Channel 5MP@30 fps, 3 Channel 4MP@30 fps, 6 Channel 1080p@30 fps AI enabled: 1 Channel 8MP@30 fps, 1 Channel 6MP@30 fps, 1 Channel 5MP@30 fps, 2 Channel 4MP@30 fps, 4 Channel 1080p@30 fps
Video Output	1 HDMI: 3840 × 2160, 1920 × 1080, 1280 × 1024, 1280 × 720; 1 VGA: 1920 × 1080, 1280 × 1024, 1280 × 720
Playback	Instant playback, General playback, Event playback, Tag playback, Smart playback
Protocols	HTTP, HTTPS, TCP/IP, IPv4, IPv6, UDP, NTP, DHCP, DNS, SMTP, IP Filter, DDNS, InstaOn, Auto Connect, ONVIF (Profile T, Profile S, Profile G), CGI, SDK
Recording Mode	General, Motion detection, Intelligent, Alarm
Multi-channel Playback	Up to 8 Channels

Feature	Specification
General Alarm	Motion detection, Camera external alarm, PIR alarm
Abnormality 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, IMD+
Alarm Linkage	Recording, Snapshot, Buzzer, Log, Preset, Email, Tour
Backup Mode	USB device and network
Audio Compression	G.711a, G.711u, PCM, G726, AAC
Audio Input	1 Channel RCA
Audio Output	1 Channel RCA
Hard Disk	1 SATA port. Each disk can contain up to 20 TB. this limit varies depending on the environment temperature
Interface Port	2 (1 front USB 2.0 port, 1 rear USB 2.0 port), 1 HDMI, 1 VGA
Browser	Chrome, IE, Safari, Edge, Firefox
Smart Phone	iOS, Android
Power Supply	12 VDC, 1.5 A
Power Consumption	<10 W (without HDD)
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)
Dimension	260.0 mm × 232.5 mm × 47.6 mm
Weight	850g

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