

CP-UNR-216F1-V3

16Ch. AI Network Video Recorder

- 16 Channel IP video access
- Max. decoding capability: 6 × 1080p@30 fps. Supports adaptive decoding
- Instastream/H.265/Smart H.264 /H.264 encoding
- AI by camera: perimeter protection, and SMD Plus
- Support 1 SATA HDDs up to 16TB each, 2 USB Ports
- 1 HDMI/ 1 VGA simultaneous video output
- Support Multi-brand network cameras
- Mobile Software: iCMOB, gCMOB
- CMS Software: 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 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 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 using Intelligent Region Perception to detect motion in each frame.

SMD Plus By Camera (Smart Motion Detection)

CPPLUS has introduced Smart Motion Detection, AI-based SMD, which use an advanced algorithm to differentiate human and vehicular shapes within a scene and send alarms only when a person or vehicle is detected.

gCMOB/iCMOB

This technology enables you to watch the live feed from your surveillance solution anywhere directly on your mobile phone using technological applications such as gCMOB for android and iCMOB for ios to send the feed to you gadgets in real time.

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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16Ch. AI Network Video Recorder

Feature	Specification
Processor	Industrial-grade embedded processor
Operating System	Embedded LINUX
IP Camera Input	16 channel
Decoding Capability	1-channel 12MP@30 fps; 1-channel 8MP@30 fps; 2-channel 5MP@30 fps; 3-channel 4MP@30 fps; 6-channel 1080p@30 fps
Compression	H.265/Smart H.264+/H264
Encode Strategy	Instastream
User Interface	Web, Local, GUI
AI by Camera	Perimeter protection; SMD Plus
Perimeter Performance of AI by Camera	4 (Four)
Resolution	12MP; 8MP; 5MP; 4MP; 3MP; 2MP; 720p; D1
Video Output	1 × VGA, 1 × HDMI (simultaneous)
SMD By Camera	4-channel SMD Plus (AI by camera), secondary filtering for human and motor vehicle SMD Plus, reducing false alarms caused by leaves, rain and lighting condition change
Ethernet	1 × RJ-45, 10/100Mbps self-adaptive Ethernet port
Network Bandwidth	Access: 80 Mbps; Storage: 80 Mbps; Forward: 60 Mbps
Protocols	HTTP; HTTPS; TCP/IP; IPv4; RTSP; UDP; NTP; DHCP; DNS; SMTP; UPnP; IP Filter; DDNS; Alarm Server; InstaOn Cloud; ONVIF (profile T/S/G); CGI; SDK
Audio Input	1 (RCA)
Audio Output	1 (RCA)
Audio Compression	PCM; G.711A; G.711U; G.726
Browser	Chrome; IE 9 or later; Firefox
Interface Ports	2 USB Ports (1 × front USB2.0; 1 × back USB2.0)
Hard Disk	1 SATA III ports, up to 16 TB for a single HDD. The maximum HDD capacity varies with environment temperature

Feature	Specification
Recording Mode	Manual record; alarm record; motion detection record; schedule record
Playback function	1. Play; pause; stop; fast forward; fast backward; rewind; play by frame 2. Full screen; backup (video clip/file); partially zoom in; audio on/off
Backup Mode	USB storage device
Multi Channel Playback	Up To 16 channels
General Alarm	Motion detection; privacy masking; video loss; PIR alarm
Anomaly Alarm	Camera offline; storage error; disk full; IP conflict; MAC conflict; login lock; cyber security exception
Intelligent Alarm	Perimeter protection; SMD Plus
Alarm Linkage	Recording; snapshot; buzzer; log; preset; email; tour
Smart Phone	iPhone, iPad, Android Phone
Power Supply	12V DC, 1.5A
Power Consumption	Total output of NVR is ≤ 10 W (without HDD)
Working Temp	-10°C to +55°C (+14°F to +131°F)
Working Humidity	10%~93%(RH)
Operating Altitude	3,000 m
Dimensions	260 mm × 232.7 mm × 47.6 mm (10.24" × 9.16" × 1.87") (W × L × H)
Weight	0.81 kg

Company Name:

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