

CP-UNR-4K5082-V2

8 Ch. 4K Network Video Recorder

- Up to 8 channel IP camera input
- Max 320Mbps incoming Bandwidth
- Instastream/H.265/Smart H.264+/H.264/MJPEG codec decoding
- Up to 12MP resolution preview and playback
- Support 2 SATA HDDs up to 10TB Each, 2 USB Ports (1 USB 3.0)
- HDMI/ VGA simultaneous video output
- Support Multi-brand network cameras
- 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

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.

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.

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 embedded processor
IP Camera Input	8 channel
Operating System	Embedded LINUX
Two-way Talk	1 Channel Input, 1 Channel Output, RCA
User Interface	GUI
Video Output	1 HDMI, 1 VGA
Compression	Instastream/H.265/Smart H.264+/H.264/MJPEG
Decoding Capability	4-ch@8MP(30fps), 16-ch@1080P(30fps)
OSD	Camera title, Time, Camera lock, Motion detection, Recording
Video Resolution	HDMI: 3840 × 2160 , 1920 × 1080 , 1280 × 1024, 1280 × 720 , 1024 × 768 VGA: 1920 × 1080 , 1280 × 1024, 1280 × 720 , 1024 × 768
Video Recording	Max 320Mbps
Video Display Split	1/4/8/9
Motion Detection	MD Zones: 396(22×18).
Video Loss	Supports
Camera Blank	Supports
Alarm Input	4 channel
Alarm Output	2 channel
Hard Disk	2 SATA III Ports, up to 10TB Each
Smart Phone	iPhone, iPad, Android Phone
Trigger Events	Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips
Recording Mode	Manual; schedule (general; MD; alarm; MD & alarm; intelligent; POS)
Search Mode	Time /Date, Alarm, MD and Exact Search (accurate to second)
Bit Rate	16Kbps ~ 20Mbps Per Channel
Sync Playback	1/4/9

Feature	Specification
Playback	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom
Backup Mode	USB Device/Network
Interface Ports	2 USB Ports (1 Rear USB 3.0 , 1 Front USB 2.0), 1 RS232, 1 RS485
Max User Account	128 users
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec
Ethernet	1 RJ-45 Port (10/100/1000Mbps)
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, DC12V/4A
Power Consumption	<9.5W (Without HDD)
Fan	Smart fan, automatically adjust running speed
Working Temp	-10 ~+55°C / 10~90%RH / 86~106kpa
Dimensions	375mm x 281.5mm x 56mm
Weight	1.6kg (without HDD)

Dimensions (mm/inch)

