CP-UNR-4K4162-V2

16 Ch. H.265+ 4K Network Video Recorder

- Up to 16 channel IP camera input
- Max 200Mbps incoming Bandwidth
- Smart H.265+/H.265/Smart H.264+/H.264 codec decoding
- Up to 8MP 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

16 Ch | Linux POWERED | H.265 COMPRESSION | HI-SPEED CERTIFIED USB | GUI | CMS

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.

ASIA TOP 2 | WORLD TOP 4   CE FC RoHS COMPLIANT ONVIF

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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 dis-connected 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.

Smart H.265+

H.265+ is the latest innovation among the standard video compression designs. This technology is beneficial for minimizing storage costs and provides big savings on resolution and the rate of frame in the video through the use of Intelligent Region Perception to detect motion in each frame.

4K Resolution

Created ideally for covering every inch of the space that is un-der 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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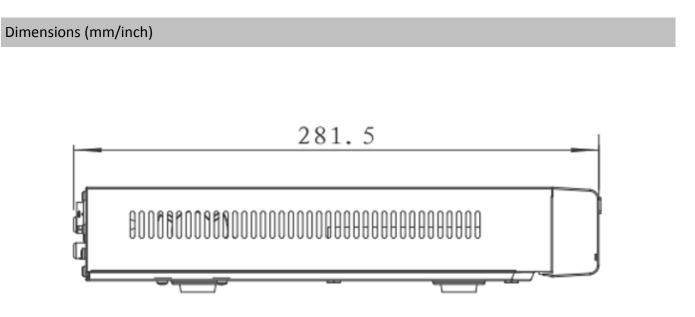| Feature	Specification
Processor	Quad-core embedded processor
IP Camera Input	16 channel
Operating System	Embedded LINUX
Two-way Talk	1 Channel Input, 1 Channel Output, RCA
User Interface	GUI
Video Output	1 HDMI, 1 VGA
Compression	Smart H.265+/H.265/Smart H.264+/H.264
Decoding Capability	2ch@4K 30fps, 8ch@1080P 30fps
OSD	Camera title, Time, Camera lock, Motion detection, Recording
Video Resolution	HDMI: 3840 × 2160 , 1920 × 1080 , 1280 × 1024, 1280 × 720 VGA: 1920 × 1080 , 1280 × 1024, 1280 × 720
Video Recording	Max 200Mbps
Video Display Split	1/4/8/9/16
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, Snapshot, Buzzer & Screen tips
Recording Mode	Manual, Schedule (Regular, Continuous), MD (Video detection: Motion Detection, Tampering, Video Loss), Stop
Search Mode	Time /Date, MD and Exact Search (accurate to second), Smart search
Bit Rate	16Kbps ~ 20Mbps Per Channel
Sync Playback	1/4/9/16

Feature	Specification
Playback Function	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 USB 3.0 , 1 USB 2.0)
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, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, DDNS, FTP, SNMP, IP Search , ONVIF 2.4, SDK, CGI
Power Supply	DC12V/4A
Power Consumption	<6.9W (Without HDD)
Storage Conditions	-20°C ~ +70°C (-4°F ~ +158°F), 0 ~ 90% RH
Working Temp	-10 ~+55°C / 10~90%RH / 86~106kpa
Dimensions	375mm x 281.5mm x 56mm
Weight	1.6kg (without HDD)

CP PLUS

Dimensions (mm/inch)

281.5