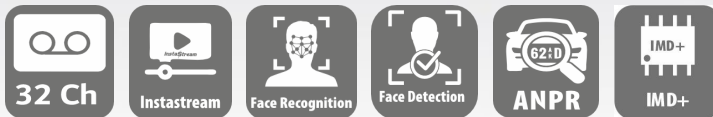


CP-UNR-4K532R8-EI

32Ch. 4K AI Network Video Recorder

- Up to 32 channel IP camera input
- Max. Decoding capability: 32 × 1080p@30fps
- Max. 512/512/512 Mbps Incoming/ Recording/ Outgoing bandwidth
- AI by Recorder: Supports 8 Channel face detection and recognition, up to 20 face databases and 200,000 face images, 8 Channel metadata, 24 Channel perimeter protection, 32 Channel IMD+ (Intelligent motion detection)
- AI by Camera: Supports face detection and recognition, Perimeter protection, IMD+, Metadata, ANPR, Stereo analysis, Heat map, and people counting
- Support redundant power, RAID 0/1/5/6/10, N+M cluster
- Support 8 SATA HDDs up to 20TB Each, 4 USB Ports
- 2 HDMI/ 2 VGA simultaneous video output
- Mobile Software: iCMOB, gCMOB
- CMS Software: KVMS Pro Lite



System Overview

The CP Plus 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 by Camera

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.



CP-UNR-4K532R8-EI

32Ch. 4K AI Network Video Recorder

Functions

Intelligent motion detection (IMD+) by Camera

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.

4K Resolution

Created ideally for covering every inch of the space that is under 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 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.



CP-UNR-4K532R8-EI

32Ch. 4K AI Network Video Recorder

| Feature | Specification |
|---------------------------------------|---|
| Processor | Industrial-grade processor |
| Operating System | Embedded Linux |
| IP Camera Input | 32 Channels |
| User Interface | Web, Local GUI |
| AI by Camera | Face detection, Face recognition, Video metadata (Human, Motor vehicles, and non-motor vehicles), Perimeter protection, IMD, Stereo analysis, Crowd distribution, People counting, ANPR, Heat map, PPE detection |
| AI by NVR | Face detection, Face recognition, Video metadata (Human, Motor vehicles, and non-motor vehicles), Perimeter protection, IMD |
| Perimeter Performance AI by NVR | 24 Channels, 10 IVS rules for each channel |
| Perimeter Performance of AI by Camera | Human and vehicle detection on all channels, supporting up to 32 targets per second |
| Video Output | 2 VGA:1920 × 1080, 1280 × 1024, 1280 × 720; 2 HDMI:3840 × 2160, 1920 × 1080, 1280 × 1024, 1280 × 720 |
| Face Detection AI by NVR | Sub screen 4K enabled: 4 Channels (up to 12 face images/sec each channel) Sub screen 4K disabled: 8 Channels (up to 12 face images/sec each channel) |
| Face Detection AI by Camera | 32 Channels |
| Face Attributes | 6 attributes |
| Face Database Capacity | Up to 20 face databases with 200,000 images, with a total capacity of 44G |
| IMD+ by NVR | 32 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 64 targets per second |
| Abnormality Alarm | Error (No disk, Disk error, Low space, RAID exception, Low quota space, Abnormal disk health, Network disconnection, IP conflict, MAC conflict, Abnormal fan speed), Video loss, Video tampering, Camera offline, Audio detection |
| Multi Screen Preview | Main screen: 1/4/8/9/16/25/36 Sub screen: 1/4/8/9/16 |

| Feature | Specification |
|-------------------------------------|--|
| Face Recognition AI by NVR | Sub screen 4K enabled: 16 Channel FD (by camera) + FR (by recorder), image stream: 32 face images/sec 4 Channel FD (by recorder) + FR (by recorder), video stream: 16 face images/sec Sub screen 4K disabled: 16 Channel FD (by camera) + FR (by recorder), image stream: 32 face images/sec 8 Channel FD (by recorder) + FR (by recorder), video stream: 16 face images/sec |
| Face Recognition AI by Camera | 32 Channels |
| Network Mode | Multi-address, Load balance, Fault tolerance |
| Network Bandwidth | AI disabled: 512 Mbps incoming, 512 Mbps recording and 512 Mbps outgoing AI enabled: 200 Mbps incoming, 200 Mbps recording and 200 Mbps outgoing |
| Resolution | 32MP, 24MP, 16MP, 12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 2MP, 960p, 720p, D1, CIF, QCIF |
| People Attributes | 9 Human body attributes |
| ANPR by Camera (Number of Channels) | Human and vehicle detection on all channels, supporting up to 32 targets per second |
| Intelli check AI by Camera + NVR | Max. 32 Channels, 1 combined event per channel/s |
| Decoding Capability | AI disabled: 2 Channel 32MP@30fps, 2 Channel 24MP@30 fps, 4 Channel 16MP@30 fps, 5 Channel 12MP@30 fps, 8 Channel 8MP@30 fps, 10 Channel 6MP@30 fps, 12 Channel 5MP@30 fps, 16 Channel 4MP@30 fps, 32 Channel 1080p@30 fps AI enabled: 1 Channel 32MP@30 fps, 1 Channel 24MP@30 fps, 2 Channel 16MP@30 fps, 4 Channel 12MP@30 fps, 6 Channel 8MP@30 fps, 8 Channel 6MP@30 fps, 8 Channel 5MP@30 fps, 12 Channel 4MP@30 fps, 24 Channel 1080p@30 fps, 32 Channel 720p@30 fps |
| Non-motor Vehicle | 4 Attributes |
| License Plate Database Capacity | 1. Up to 20,000 plate numbers, 2. Blocklist and allowlist |
| Motor Vehicle Attributes | 9 Attributes |
| Video Compression | Instastream, H.265, H.264+, H.264, MJPEG |
| Disk Group | Support |
| Hot Swapping | Support |
| Disk Interface | 8 SATA ports Each disk can contain up to 20 TB, this limit varies depending on the environment temperature |
| General Alarm | Motion detection, Local alarm, Alarm box, Camera external alarm, Network alarm, Scene changing, PIR alarm, Thermal alarm |

| Feature | Specification |
|--------------------------------------|--|
| Intelligent Alarm | Face detection, Face recognition, Video metadata (Human, Motor vehicle, and non-motor vehicle), Perimeter protection, License plate comparison |
| RAID | RAID 0/1/5/6/10 |
| Alarm Linkage | Record, Snapshot (panoramic), Local alarm output, IPC external alarm output, Access controller, Audio, Buzzer, Log, Preset, Email |
| Recording Mode | General, Motion detection, Intelligent, Alarm, POS |
| Metadata Performance of AI by NVR | 8 Channels, 23 attributes extraction |
| Metadata Performance of AI by Camera | 32 Channels |
| Playback Mode | Instant playback, General playback, Event playback, Tag playback, Smart playback |
| Multi-Channel Playback | Up to 16 Channels |
| Backup Mode | USB device and network |
| Interface Ports | 4 USB (2 front USB 2.0 ports, 2 rear USB 3.0 ports), 2 HDMI, 2 VGA, 2 RS485 (1 port for half-duplex serial communication, 1 port for full-duplex serial communication), 1 RS232, 1 eSATA |
| Protocols | HTTP, HTTPS, TCP/IP, IPv4, IPv6, UDP, NTP, DHCP, DNS, SMTP, UPnP, IP Filter, FTP, DDNS, SNMP, Alarm Server, InstaOn, Auto , ISCSI, ONVIF (Profile T, Profile S, Profile G), CGI, SDK |
| Power Redundancy | Support |
| Ethernet Port | 2 (10/100/1000 Mbps Ethernet port, RJ-45) |
| Audio Input | 1 Channel RCA |
| Audio Output | 2 Channel RCA |
| Audio Compression | G.711a, G.711u, PCM, G726 |
| Alarm Input | 16 Channels |
| Alarm Output | 8 Channels (1 Channel 12 V 1 A output) |
| Smart Phone | iOS, Android |
| Browser | Chrome, IE, Safari, Edge, Firefox |
| Power Supply | 100–240 VAC, 50/60 Hz |
| Power Consumption | <13 W (without HDD) |
| Operating Temperature | –10°C to +55°C (14°F to +131°F) |

| Feature | Specification |
|---------------------|-------------------------------------|
| Operating Humidity | 10%–93% (RH), non-condensing |
| Storage Temperature | –20 °C to +60 °C (–4 °F to +140 °F) |
| Dimensions | 444.0 mm × 476.0 mm ×95.0 mm |
| Weight | 8790 g |

Published Date –05-01-2025

Company Name:

CP PLUS (Aditya Infotech Ltd.)
F-28 Okhla Industrial Area, Phase 1,
New Delhi 110020, INDIA

Contact Mail ID :- customercare@cpplusworld.com