

# CP-LNR-4K3081-P8

## 8Ch. 4K Network Video Recorder with 8 PoE Ports

- Up to 8 channel IP camera input
- Support Up to 12MP Resolution
- H265+, H265, H264+, H264 Video Compression
- Max. Incoming Bandwidth 128Mbps
- 1 SATA Port, Up to 10TB capacity
- Support HDMI/VGA, 2 USB Ports
- Supports 8 PoE Ports



### 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

#### Face Detection

With the help of the deep learning algorithm that is used in this technology, people can easily be detected, tracked, recorded, and captured. It takes only a second to detect one human face. Face detection is useful in cameras to help with auto-focus. This technology is mainly used to identify the presence of a human face.

#### SMD

CP PLUS's Smart Motion Detection technology uses advanced algorithms to trigger alarms only in the presence of humans and vehicles, filtering out non-relevant motion to minimize false alarms and ensure precise security alerts.

### 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 unprecedeted levels even when compared to international competitors.



## CP-LNR-4K3081-P8

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| Feature             | Specification   |
|---------------------|---|
| Processor           | Industrial-grade processor  |
| Operating System    | Embedded LINUX  |
| IP Camera Input     | 8 Channels  |
| Two-way Talk        | Support   |
| AI by Camera        | Intrusion Detection, Tripwire, Loiter Detection, People Gather Detection, Motion detection based on human detection, Enter Area, Leave Area, Face Detection   |
| Video Input         | 8 Channel (12MP/ 8MP/ 6MP/ 5MP/ 4MP/ 3MP/ 2MP/ 1MP/ 960P/ 720P/ D1/ CIF)  |
| Video Output        | 1 HDMI: 4K(3840 x 2160)/ 2K(2560 x 1440)/ (1920 x 1080)/ (1280 x 1024)/ (1280 x 720)/ (1024 x 768); 1 VGA (1920x1080, 1280x1024, 1280x720, 1024x768)  |
| Video Streaming     | PAL: 12MP@10 Channel x25fps, 4K@16 Channel x25fps, 5MP@16 Channel x25fps, 4MP@16 Channel x25fps, 3MP@16 Channel x25fps, 1080P@16 Channel x25fps, 960P@16 Channel x25fps, 720P@16 Channel x25fps, D1@16 Channel x25fps<br><br>NTSC: 12MP@10 Channel x30fps, 4K@16 Channel x30fps, 5MP@16 Channel x30fps, 4MP@16 Channel x30fps, 3MP@16 Channel x30fps, 1080P@16 Channel x30fps, 960P@16 Channel x30fps, 720P@16 Channel x30fps, D1@16 Channel x30fps |
| Network Bandwidth   | 128Mbps Incoming Bandwidth/ 80Mbps Outgoing Bandwidth   |
| USB Interface       | 2 USB 2.0 Interfaces  |
| Resolution          | 12MP(4000x3000), 8MP(3840x2160), 6MP(3072x2048), 5MP(2592x1944), 4MP (2688x1520/2560x1440), 3MP(2048x1536), 1080P(1920x1080), 1280x1024, 960P (1280x960), 720P(1280x720), 960H(960x480)D1(720x576/720x480)  |
| Encoding Capacity   | 1 SATA Hard Disk Interface (3.5" SATA), Up to 10TB capacity   |
| Video Display Split | 9 Channel/ 8 Channel/ 6 Channel/ 4 Channel/ 2 Channel/ 1 Channel  |
| Decoding Capability | 2MP(1920 x 1080)@210fps   |
| OSD                 | Camera Title, Time, Recording, Motion Detection, Event Alarm  |
| Record Mode         | Manual\ Timer\ Motion Detection\ Smart Event  |
| Audio Input         | 1 Port RCA, Support 16 Channel IPC audio input  |
| Audio Output        | 1 Port RCA (Linear, 1kΩ), HD Output   |
| Motion Detection    | 8 Channel, MD Zones: 396 (22 x 18)  |

| Feature               | Specification  |
|-----------------------|--|
| Audio Compression     | G711U, G711A, AAC  |
| Audio Bit Rate        | 64kbps   |
| Trigger Events        | Recording, Email, FTP, Snapshot and Screen Tips  |
| Cloud Upgrade         | Support  |
| Video Compression     | H.265+, H265, H264+, H264  |
| Search Mode           | ALL, Timing Video, Motion Detection, Tag search, Smart Event, Picture, Log   |
| Playbackfunction      | Play, Pause, Fast forward, Rewind, Previous frame, Next frame, Electronic zoom, Clip, Audio  |
| Digital Zoom          | Support  |
| Backup Mode           | USB Device/ Network  |
| Ethernet              | 1 RJ45 (10M/100M/1000M self-adaptive Ethernet Interface)   |
| Protocols             | IPv4/IPv6, TCP/IP, HTTP, HTTPS, UPnP, DNS, NTP, SMTP, DHCP, FTP, DDNS, RTSP, P2P, PPPOE, Onvif (Profile S/ Profile T)  |
| PoE                   | 8 x Independent 100Mbps POE Network Interfaces (Output Power AT mode 30W per Interface, AF mode 15W per Interface), 45/78 line order, Total Power Output 72W, Support Plug and Play, Support network cable extended mode Max. 200M |
| Remote Operations     | Support  |
| Sync Playback         | 1CH 12MP@30fps, 1CH 8MP@30fps, 2CH 5MP@30fps, 4CH 4MP@30fps, 7CH 1080P@30fps, 16CH 720P@30fps, 16CH D1@30fps   |
| Smart Phone           | iPhone, Android  |
| Browser               | Edge, IE8-11, Google Chrome, Firefox, Safari   |
| Power Consumption     | DC48V/1.87A ≤ 10W (Without Hard Disk)  |
| Operating Temperature | -10°C~50°C   |
| Operating Humidity    | 10%~90%  |
| Dimensions            | 260 mm x 230 mm x 43 mm  |
| Weight                | 0.78kg (without HDD)   |

**Company Name:**

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