

# 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 unprecedented levels even when compared to international competitors.



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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	<p>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</p> <p>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</p>
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, Pictrue, 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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