

CP-LNR-4K3161

16Ch. 4K Network Video Recorder

- Up to 16 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



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.



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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.



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| Feature | Specification |
|---------------------|---|
| Processor | Industrial-grade processor |
| Operating System | Embedded LINUX |
| IP Camera Input | 16 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 Compression | H.265+, H265, H264+, H264 |
| Video Input | 16 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: (1920 x 1080), (1280 x 1024), (1280 x 720), (1024 x 768) |
| 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 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(4000 x 3000), 8MP(3840 x 2160), 6MP(3072 x 2048), 5MP(2592 x 1944), 4MP(2688 x 1520/ 2560 x 1440), 3MP(2048 x 1536), 1080P(1920 x 1080), (1280 x 1024), 960P(1280 x 960), 720P(1280 x 720), 960H(960 x 480), D1(720 x 576/ 720 x 480) |
| Encoding Capacity | 1 SATA Hard Disk Interface (3.5" SATA), Up to 10TB capacity |
| Video Display Split | 16 Channel/ 13 Channel/ 10 Channel/ 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 |



| Feature | Specification |
|-----------------------|---|
| Search Mode | ALL, Timing Video, Motion Detection, Tag search, Smart Event, Picture, Log |
| Playback function | 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) |
| Remote Operations | Support |
| Audio Input | 1 Port RCA, Support 16CH IPC Audio input |
| Audio Output | 1 Port RCA (Linear, 1kΩ), HD output |
| Motion Detection | 16 Channel, MD Zones: 396 (22 × 18) |
| Audio Compression | G711U, G711A, AAC |
| Audio Bit Rate | 64kbps |
| Trigger Events | Recording, Email, FTP, Snapshot and Screen Tips |
| Cloud Upgrade | 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 | DC12V/2A ≤ 10W (Without Hard Disk) |
| Operating Temperature | -10°C~50 |
| Operating Humidity | 10%~90% |
| Dimensions | 260 mm x 230 mm x 43 mm |
| Weight | 0.85kg (Without HDD) |

Company Name:

CP PLUS (Aditya Infotech Ltd.)

F-28 Okhla Industrial Area, Phase 1,

New Delhi 110020, INDIA

Contact Mail ID :- customercare@cpplusworld.com

