CP-LNR-4K3162-P16

16Ch. 4K Network Video Recorder with 16 PoE Ports

- Up to 16 channel IP camera input
- Support Up to 12MP Resolution
- H265+, H265, H264+, H264 Video Compression
- Max. Incoming Bandwidth 160Mbps
- 2 SATA Port, Up to 10TB capacity
- Support HDMI/VGA, 2 USB Ports
- Supports 16 PoE Ports

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

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.

CE FC RoHS COMPLIANT ONVIF

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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	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 Channels (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@16 Channel x25fps, 8MP@16 Channel x 25fps, 6MP@16 Channel x 25fps, 5MP@16 Channel ×25fps, 4MP@16 Channel x25fps, 3MP@16 Channel ×25fps,1080P@16 Channel ×25fps, 960P@16 Channel ×25fps, 720P@16 Channel ×25fps, 960H@16 Channel x25fps, D1@16 Channel ×25fps
Network Bandwidth	160Mbps Incoming Bandwidth, 160Mbps Outgoing Bandwidth
USB Interface	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 2.0
Resolution	12MP(4000 x 3000), 8MP(3840 × 2160), 6MP(3072 x 2048), 5MP(2592 × 1944),4MP(2688 × 1520/ 2560 × 1440), 3MP(2048 × 1536), 1080P(1920 × 1080), (1280 x 1024), 960P(1280 x 960), 720P(1280 × 720), 960H(960 x 480), D1 (720 × 576/ 720 × 480)
Encoding Capacity	2 SATA Hard Disk Interface (3.5" SATA), Up to 10 TB capacity for each HDD
Video Display Split	1 Channel/ 2 Channel/ 4 Channel/ 6 Channel/ 8 Channel/ 9 Channel/ 10 Channel/ 13 Channel/ 16 Channel
Decoding Capability	2MP(1920x1080)@240fps
OSD	Camera Title, Time, Recording, Motion Detection, Event Alarm
Record Mode	Manual\ Timer\ Motion Detection\ Alarm\ Smart Event
Audio Compression	G711U, G711A, AAC
Digital Zoom	Support

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Feature	Specification
Audio Input	1 Port RCA, Support 16 Channel IPC audio input
Audio Output	1 Port RCA (Linear, 1kΩ), HD output
Motion Detection	16 Channel, MD Zones: 396 (22 × 18)
Alarm Input	4 Channel
Alarm Output	1 Channel
Audio Bit Rate	64kbps
Trigger Events	Recording, Email, FTP, Snapshot, Buzzer and Screen Tips, Alarm output
Cloud Upgrade	Support
Search Mode	ALL, Timing Video, Motion Detection, Alarm, Tag Search, Smart Event, Pictrue, Log
Playbackfunction	Play, Pause, Fast forward, Rewind, Previous frame, Next frame, Electronic zoom, Clip, Audio
Backup Mode	USB Device/ Network
Ethernet	1x RJ45 10M/100/1000MAdaptive 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	16 x Independent 100Mbps POE Network Interfaces (Output power AF mode 15W per port), 45/78 line order, Total Power Output≤ 200W, Support Plug and Play, Support network cable extended mode Max. 200M
Remote Operations	Support
Sync Playback	1 Channel 12MP@30fps,2 Channel 8MP@30fps,3 Channel 5MP@30fps, 4 Channel 4MP@30fps,8 Channel 1080P@30fps, 16 Channel 960P@30fps, 16 Channel 720P@30fps, 16 Channel D1@30fps
Smart Phone	iPhone, Android
Browser	Edge, IE8-11, Google Chrome, Firefox, Safari
Power Consumption	100-240VAC, 50/60Hz ≤15W (Without Hard Disk and POE)
Operating Temperature	-10°C～55°C
Operating Humidity	10%～90%
Dimensions	380 mm x 316 mm x 51 mm
Weight	2.58kg (without HDD)