

CP-VNR-3416-V3

16 Ch. 4K Network Video Recorder

- 16 Channel IP Camera Input.
- Ultra 265/H.265/H.264 Video Formats.
- HDMI and VGA independent output.
- 320Mbps Incoming/ 320Mbps Outgoing Bandwidth.
- Support Up to 12 Megapixels Resolution Recording.
- Support RAID 1, 5.
- Support 1-ch HDMI, 1-ch VGA. HDMI up to 4K (3840x2160) Resolution.
- Support 4 SATA HDDs up to 6TB Each, 3 USB Ports.
- Various fisheye dewarping modes for live view and playback for both web interface and GUI.
- ANR technology to enhance the storage reliability when the network is disconnected.
- Support Multi-brand network cameras.
- Mobile Software: Android, iOS.
- CMS Software: IVMS.



System Overview

This Series of NVRs have been meticulously designed for providing you with upgraded performance and higher recording quality in your IP video surveillance solution. 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 cameras.

Functions

Ultra H.265

H.265 is the latest innovation among the standard video compression designs. This technology is beneficial for minimizing storage costs and provides big savings on resolution and the rate of frame in the video through the use of Intelligent Region Perception to detect motion in each frame.



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Functions

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.

RAID 1, 5

RAID 1, 5 is a unique version of RAID that used something called the RAID parity. This technique uses parity information or bonus data to calculate any lost information. This ingrained feature in this UVS enables support for data loss, making it more proficient in data recovery

Secured Password Policy (SPP)

Amid rising security challenges such as hacking, phishing, etc., CP PLUS has framed strict policies to increase the security of surveillance systems, in which it makes it mandatory to change the default password to one that is alphanumeric.

Password Retrieval

To protect passwords and authenticate access, security questions are used to retrieve passwords. This ensures that passwords cannot be easily cracked.

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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16 Ch. 4K Network Video Recorder

Feature	Specification
Processor	Dual-core embedded processor
Operating System	Embedded LINUX
IP Camera Input	16 channel
User Interface	GUI
Two-way Audio Input	1 Ch., RCA
Audio Output	1 Ch., RCA
Audio Compression	G.711A, G.711U
Capability	1 x 12MP@30, 2 x 4K@30, 5 x 4MP@30, 10 x 1080P@30, 16 x 720P@30
HDMI/VGA Output	VGA: 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz HDMI: 4K (3840x2160)/30Hz, 1920x1080p/60Hz, 1920x1080p/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
Compression	Ultra 265/H.265/H.264
Recording Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
Bandwidth	320Mbps Incoming/ 320Mbps Outgoing Bandwidth
Video Display Split	1/4/8/9/16
Corridor Mode Screen	3/4/5/7/9/10/12/16
Live View/Playback	12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
Hard Disk	4 SATA ports, up to 6TB each
Playback	16 Channel
Alarm Input	16 Ch.
Alarm Output	4 Ch.

Feature	Specification
Interface Ports	Front panel: 1 x USB2.0,Rear panel: 1 x USB2.0 1 x USB3.0 , 1 RS485 Port
RAID	RAID 1, 5
FTP/Schedule/Event Snapshot	16-ch snapshot, up to 1080P resolution
Disk Group	Support
Alert Alarm	IP Conflict, Network Disconnected, Disk Offline , Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk Full, Recording/Snapshot Abnormal
General Alarm	Motion, Tampering, Human Body Detection, Video Loss, Input Alarm, Audio Detection
Max User	128
Ethernet	2 RJ45 10M/100M/1000M self-adaptive Ethernet Interfaces
Protocols	TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP, NFS, RTSP, ONVIF (Profile S, Profile G, Profile T)
Power Supply	12V DC/5A
Power Consumption	≤ 12 W (without HDD)
Working Temp	-10°C ~ + 55°C (+14°F ~ +131°F)
Working Humidity	≤ 90% RH (non-condensing)
Dimensions	440mm × 344mm × 48mm (17.3" × 13.5"× 1.9") (W×D×H)
Weight	≤3kg (without HDD)

Dimensions (mm/inch)

