

CP-VNC-B4K-VM

4K Ultra-HD Network Box Camera

- 1/1.7" 12Megapixel PS CMOS Image Sensor (4.318cm)
- Max 20fps@12MP (4000x3000)
- Ultra 265, H.265, H.264, MJPEG triple-stream encoding
- DWDR, Day/Night (ICR), 2D/3D-DNR, ROI, 9:16 Corridor Mode, Defog, AWB, AGC, BLC, HLC
- CS Mount lens
- Support Micro SD Card, PoE
- Support Instastream technology, save disk space and bandwidth upto 70%
- 6KV surge protection designed for network interface
- Mobile Software: Android, iOS
- CMS Software: IVMS



System Overview

This Series has been enhanced with smart play technology using the latest high-efficiency video coding technology to the next level for better results and making it Ultra H.265. It brings to you a chance to save on bandwidth and storage. Smart analytical support present in this Series lets you increase the proficiency and effectiveness of your security solution manifolds along with the starlight technology and smart infrared technology.

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.



CP-VNC-B4K-VM

4K Ultra-HD Network Box Camera

Functions

Power over Ethernet

This product uses the latest PoE technology to troubleshoot the occurrence of any issues in the system making it easier to use. With the help of this technology, your camera now only consumes energy directly from the power supply and doesn't require any mid-way switches.

Live Viewing

Unlike some, this technology enables you to record the picture feed but view it live as well at your convenience. On top of that, the advantages of high-resolution video recording are numerous.

True Day/Night (ICR)

When the scene is too dark, the image is captured by illuminating an infrared light through the camera onto the scene that greatly helps with making the scene visible for the lens. It delivers color images during the day and automatically switches to the monochrome feature as the scene darkens.

Regions of Interest

Regions of Interest (ROI) is a user defined feature that allows the operator to monitor specific areas of a scene while still maintaining overall situational awareness of less important areas.

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.



CP-VNC-B4K-VM

4K Ultra-HD Network Box Camera

Feature	Specification
Image Sensor	1/1.7" 12Megapixel PS CMOS Image Sensor (4.318cm)
Minimum Illumination	Colour: 0.06Lux (F1.2, AGC ON) B/W: 0.03Lux (F1.2, AGC ON)
Motor Zoom/Focus	DC 5V (4-Pin)
Shutter Speed	Auto/Manual, 1~1/100000s
White Balance	Auto/Manual
Lens	CS Mount
S/N	>55dB
Iris	DC-Iris 4V (4-Pin)/P-Iris 5V (4-Pin)
Video Output	1 BNC, impedance 75Ω; amplitude 1V [p-p]
Noise Reduction	2D/3D-DNR
ROI	Up to 8 areas
Gain Control (AGC)	Auto/Manual
Back Light Compensation	BLC / HLC / DWDR
Video Compression	Ultra 265, H.265, H.264, MJPEG
Video Streaming	Main Stream: 12MP (4000x3000), Max 20fps; 8MP (3840x2160), Max 30fps; 2MP (1920x1080), Max 30fps; Sub Stream: 2MP (1920x1080), Max 30fps; Third Stream: D1 (720x576), Max 30fps
Serial Port	1 RS485 Port
9:16 Corridor Mode	Supported
Defog	Optical Defog & Digital Defog
Privacy Mask	Up to 8 areas
ICR	Automatically removable IR-cut filter (ICR)
Two-way Audio	Support
Audio Interface	3.5mm audio interface
Audio In	1 Input: impedance 35kΩ; amplitude 2V [p-p]
Audio Out	1 Output: impedance 600Ω; amplitude 2V [p-p]

Feature	Specification
Audio Compression	G.711
Suppression	Supported
Sampling Rate	8KHZ
Alarm Input	2 Ch.
Alarm Output	1 Ch.
Protocol	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, ONVIF (Profile S, Profile G, Profile T), API
General Function	Watermark, IP address filtering, alarm input, alarm output, access policy, ARP Protection, RTSP authentication, user authentication
Ethernet	1 x 100M/1000M Base-FX SFP + 100M/1000M Base-TX Ethernet
Web Browser	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below
Smart Phone	iPhone, iPad, Android Phone
Micro SD	Micro SD, up to 256GB
Network Storage	ANR
Operating Temperature	-20°C ~ 60°C (-4°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Power Source	AC 24V±25%, DC 12V±25%, PoE (IEEE 802.3af)
Power Consumption	Max 9.5W
Surge protection	6KV
Dimension	151.5 x 71 x 65mm (6.0" x 2.8" x 2.6") (excluding the lens) (L x W x H)
Reset Button	Supported
Weight	0.48kg

Dimensions (mm/inch)

