CP-VNC-T4K81ZR5-VMDS

8 MP WDR Array Network Bullet Camera - 50Mtr.

- 1/2.8", 8MP, progressive scan, CMOS (7.112 cm)
- 8MP (3840x2160)@20fps; 5MP (3072x1728)@30/25fps; 4MP (2560x1440)@30/25fps; 2MP (1920x1080)@30/25fps
- Ultra 265, H.265, H.264,MJPEG triple-stream encoding
- WDR(120dB), Day/Night (ICR), 2D/3D-DNR, Digital Defog, 9:16 Corridor Mode, ROI, AWB, AGC, BLC, HLC
- 2.8~12mm Motorized lens
- Support Starlight Technology
- Array Range of 50 Mtrs, Micro SD Card, IP67, Ik10, PoE
- Support Instastream technology, save diskspace and bandwidth upto 70%
- Mobile Software: Android, iOS
- CMS Software: IVMS

1/2.8" CMOS	8MP 4K	WDR Wide Dynamic Range	IP67	AGC Auto Gain Control	Automatic White Balance	Backlight Compensation
CMOS	4K		IP67			

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. The IP67 certified and vandal-resistant IK10 standard Pro Series is known for showing high durability as it is fully protected against water and dust and also for its reminder feature.

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

Wide Dynamic Range (WDR)

When a scene is partly dark and partly bright, that is the dynamic range that distorts images due to this difference in the lighting. WDR technology provides you balanced lighting for a clear and vivid image throughout the day. WDR technology can be installed at entry/exit points of any building structure, jewellery shops, outdoor location among so many other places.

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.

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.

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.

IK10 Technology

This product has been inculcated with the IK10 vandal resistance technology which is the topmost mechanical protection in the surveillance industry. This technology enables your camera in developing a strong and robust appearance that can't be defeated by water, dust or even severe shocks as the powerful housing of this camera deters any damage from occurring

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
Image Sensor	1/2.8" 8MP Progressive scan CMOS (7.112cm)
Minimum Illumination	Colour: 0.003Lux (F1.6, AGC ON) 0Lux with IR on
Adjustment Angle	Pan: 0° ~ 360° Tilt: 0° ~ 90° Rotate: 0° ~ 360°
Shutter Speed	Auto/Manual, 1~1/100000s
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2
Lens	2.8~12mm Motorized
S/N	>56dB
Wavelength	850nm
IR On/Off Control	Auto/Manual
DORI Distance	2.8mm- 86.9(Detect) 34.8(Observe) 17.4(Recognize) 8.7(Identify) 12mm- 372.4(Detect) 149(Observe) 74.5(Recognize) 37.2(Identify)
Flip	Normal/Vertical/Horizontal/180°/90°Clockwise/90°Anti-clockwise
Gain Control (AGC)	Auto/Manual
Video Compression	Ultra 265, H.265, H.264, MJPEG
Angle of View	107.4°~ 29.2° (H), 54.2°~ 16.3° (V), 111°~33.1° (O)
Video Streaming	Main Stream: 8MP (3840x2160), Max 20fps;5MP (3072x1728), Max 30fps; 4MP (2560x1440), Max30fps; 1080P (1920x1080), Max 30fps Sub Stream: 1080P (1920x1080), Max 30fps;720P (1280x720), Max 30fps; D1 (720x576), Max 30fps; (640x360),Max 30fps; 2CIF(704x288), Max 30fps; CIF(352x288), Max 30fps; Third Stream: D1 (720x576), Max 30fps; (640x360),Max 30fps; 2CIF(704x288), Max 30fps; CIF (352x288), Max 30fps
Motion Detection	Up to 4 areas
Back Light Compensation	BLC / HLC / WDR(120dB)
Privacy Mask	Up to 4 areas
ICR	IR-cut filter with auto switch (ICR)
ROI	Up to 8 areas
Audio Input	1 Input: impedance 35kΩ; amplitude 2V [p-p]
Audio Output	1 output: impedance 600Ω; amplitude 2V [p-p]

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CP PLUS

Feature	Specification
Audio Compression	G.711
Suppression	Supported
Sampling Rate	8KHZ
Alarm IN	1 channel
Alarm Out	1 channel
OSD	Up to 8 OSDs
Video Bit Rate	128 Kbps~16 Mbps
Protocol	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL , SNMP, ONVIF (Profile S, Profile G, Profile T), API
Smart Detection	Cross line, intrusion, enter area, leave area detection, Motion detection, tampering alarm, audio detection
General Function	Watermark, IP address filtering, tampering alarm, alarm input, alarm output, access policy, ARP protection, RTSP authentication, user authentication
Ethernet	1 x RJ45 10M/100M Base-TX Ethernet
Web Browser	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below
Dewarping	Support
Noise Reduction	2D/3D-DNR
Smart Phone	iPhone, iPad, Android Phone
IR	Array Range of 50 Mtr., Smart IR
Micro SD	Micro SD, up to 256GB
Network Storage	ANR
Operating Temperature	-30°C~60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Storage Environment	-30°C~60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Power Source	DC 12V±25%, PoE (IEEE 802.3af)
Power Consumption	Max 10.5W
Surge protection	6KV
Weatherproof Standard	IP67 & IK10
Casing	Metal
Dimension	245 × 86 × 72mm (9.6" × 3.4" × 2.8") (L × W × H)
Reset Button	N/A
Weight	0.92kg

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Dimensions (mm/inch)