

THINK CP PLUS

 **CP PLUS**

CP-UNC-EE61L2C-VMD-Q

6MP Network IR Fisheye Camera

- 1/2.5" 6MP PS CMOS Image Sensor (1.016 centimeters)
- Max. 6MP (2560 × 2560)@1-25/30 fps
- 1.68 mm Fixed-focal Lens
- Instastream, H.265, H.264, H.264H, MJPEG
- Support Triple Stream
- WDR (120dB), Day/Night (ICR), 3D NR, AWB, AGC, BLC, HLC
- Support Built-in Mic
- Support Micro SD Card, IP67, IK10, PoE



System Overview

This Camera is the perfect solution for various kinds of vehicles, including bus, coach, van etc. The vehicle mounted CCTV cameras enable drivers and operator to check anytime what happen inside and outside the vehicle by delivering a live feed on the monitor of everything in the camera view, including people or obstacles. Moreover, fitted with Infra-Red LEDs for improved night vision and combined with a robust, durable casing, the operation system offers unrivalled performance and clarity.

CTC Technology:

CP PLUS Trusted Core Technology is a multi-layered security architecture that brings together the best of cyber security practices and technological intelligence. It is not just an enhancement; it is a complete redefinition of how surveillance should function in today's digital landscape - more intelligent, more secure, and more reliable than ever before.



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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.

Instastream

This camera has been designed with the latest and most efficient innovation among the standard video compression de-signs. Smart encoding algorithms developed by CP PLUS help in saving up to 70% more bandwidth than H.265 along with making it more beneficial for minimizing bandwidth and storage costs. It enhances video coding efficiency while providing high resolution and the rate of frame in the video using Intelligent Region Perception to detect motion in each frame

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.

Power over Ethernet

CP PLUS cameras with Power over Ethernet (PoE) technology offer a simple and efficient installation by using a single Ethernet cable to deliver both power and data. This eliminates the need for separate power adapters, reduces cable clutter, and ensures a cleaner setup.

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	1/2.5" 6MP PS CMOS Image Sensor (1.016 centimeters)
Minimum Illumination	0.001 lux@F1.8 (Color, 30 IRE), 0.0001 lux@F1.8 (B/W, 30 IRE), 0 lux (IR on)
Effective Pixels	2560 (H) × 2560 (V)
Shutter Speed	Auto/Manual 1/3 s–1/100000 s
RAM	1 GB
ROM	4 GB
White Balance	Auto, Natural, Street lamp, Outdoor, Manual, Regional custom
Lens	1.68 mm
Gain Control(AGC)	Auto/Manual
Lens Type	Fixed-focal
Iris Control	Fixed
Max. Aperture	F1.8
Lens Mount	M12
Close Focus Distance	0.3 m
IR Control	Auto/Manual
DORI Distance	33.6m (Detect), 13.4m (Observe), 6.7 m (Recognize), 3.4 m (Identify)
Back Light Compensation	BLC/ HLC/ WDR(120dB)/ISA
Angle of View	H: 185°, V: 185°, D: 185°
Stream Capability	Triple Stream
S/N Ratio	>56 dB
Resolution	6MP (2560 × 2560), 4MP (2048 × 2048), 2MP (1440 × 1440), 1.6MP (1280 × 1280), 1MP (1024 × 1024), (720 × 720), SVCD (480 × 480)
Noise Reduction	3D NR
Motion detection	OFF/ON (4 areas, rectangular)

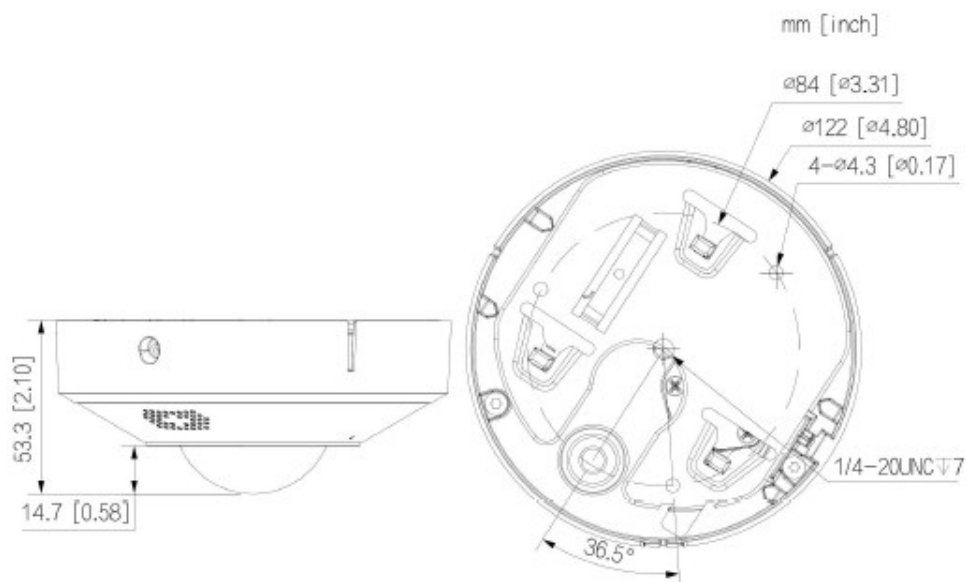
Feature	Specification
IR	IR Range of 20 Mtr.
IR Number	3 IR LED
Bit Rate Control	VBR/CBR/ABR
Bit Rate	H.265: 3 kbps–16384 kbps, H.264: 3 kbps–16384 kbps
Video format	PAL/NTSC
Video Compression	Instastream, H.265, H.264, H.264H, H.264B, MJPEG (Only supported by sub stream)
Image Rotation	0°/180°
Smart Compression	Instastream/ General
Frame Rate	Max Resolution in O Mode by Default Main stream: 6MP (2560 × 2560)@1–25/30 fps, Sub stream: 2MP (1440 × 1440)@1–25/30 fps, third stream: 2MP (1440 × 1440)@1–25/30 fps Resolution of 2 Split Windows in 2P Mode: Sub stream: Panoramic View and Split Window: (1920 × 1440)@1– 25/30 fps, (640 × 480)@1–25/30 fps, (320 × 240)@1– 25/30 fps, third stream: Panoramic View and Split Window: (1920 × 1440)@1– 25/30 fps, (640 × 480)@1–25/30 fps, (320 × 240)@1– 25/30 fps, Resolution of 2 Split Windows in 2R Mode: Sub stream: Panoramic View and Split Window: (2560 × 960)@1– 25/30 fps, (1280 × 480)@1–25/30 fps, (640 × 240)@1– 25/30 fps, third stream: Panoramic View and Split Window: (2560 × 960)@1– 25/30 fps, (1280 × 480)@1–25/30 fps, (640 × 240)@1– 25/30 fps, Resolution of 4 Split Windows in 4R Mode: sub stream: Panoramic View and Split Window: (1920 × 1440)@1– 25/30 fps, (640 × 480)@1–25/30 fps, (320 × 240)@1– 25/30 fps, third stream: Panoramic View and Split Window: (1920 × 1440)@1– 25/30 fps, (640 × 480)@1–25/30 fps, (320 × 240)@1– 25/30 fps
Mirror Function	Support
Privacy Mask	4 Mosaics + 4 color blocks
Audio	Built-in dual Mic
Built-in Speaker	Support
EPTZ	Support
Day/Night	Auto(ICR)/Color/B/W
Alarm Event	No SD card, Low SD card space, SD card error, Network disconnection, IP conflict, Account Lockout, Motion Detection, Video Tampering, Scene Changing, Tripwire, Intrusion, Audio Detection, Intensity change, Voltage Detection, External Alarm, People Counting in area, Stay Detection, People counting, Abnormal number of people detection, Security exception
Intelligent Scene Adaption (ISA)	AI ISA

Feature	Specification
Cyber Security	Video encryption, Firmware encryption, Configuration encryption, Digest, WSSE, Account lock-out, Security logs, IP/MAC filtering, syslog, HTTPS, 802.1x, Trusted boot, Trusted execution, Trusted upgrade, Session security, Security warning
OSD	Camera title, Date & Time, Location, Font Properties, Picture Overlay, Custom Title
Protocol	IPv4, IPv6, HTTP, HTTPS, TCP, UDP, ARP, RTP, RTSP, RTSPS, RTCP, RTMP, SMTP, SFTP, DHCP, DNS, QoS, UPnP, NTP, Multicast, Unicast, ICMP, IGMP, PPPoE, SNMP V3, ONVIF (Profile S & Profile G & Profile T), InstaOn, TLS Version 1.2 & 1.3,SSL
IVS (Perimeter Protection)	Tripwire, Intrusion
SDK and API	Support
Intelligent Scene Adaption (ISA)	Support
Decoding Mode	Front-dewarp, Back-dewarp
Display Mode	Front-dewarp (hardware decoding): 1O, 1P, 2P, 1R, 2R, 4R, 1O+ 3R 2P/2R: Supports split screen for 2 windows. 4R: Supports split screen for 4 windows
Heat Map	Support
RS-485	1 (baud rate range: 1200 bps–115200 bps)
Audio Input	1 Channel (RCA port)
Audio Output	1 Channel (RCA port)
Audio Compression	PCM, G.711a, G.711Mu, G.726, G.723, AAC
Ethernet	RJ-45 (10/100 Base-T)
Alarm IN	1 channel in: wet contact, 5 mA 3–5 VDC
Alarm Out	1 channel out: wet contact, 300 mA 12 VDC
Weatherproof Standard	IP67, IK10
Storage	SFTP, Mirco SD card (Max. 512GB)
User/Host	20 users
Browser	IE: IE11, Chrome, Firefox
Certificates	ISO 9001: 2015, ISO 20000-1 : 2018, CE, FCC and RoHS, BIS, STQC approved compliance report
Power Source	12 VDC, 1 A, PoE (802.3af)
Power Consumption	Basic: 1.4 W (12 VDC), 2.6 W (PoE), Max.: 8.1 W (12 VDC), 10.1 W (PoE) (ICR switch + IR intensity)
Dual Power Backup	When the power adapter and PoE provide power at the same time, disconnect one of them. The device will continue to work, but will not restart.

Feature	Specification
Operating Temperature	−30 °C to +60 °C (−22°F to +140 °F)
Operating Humidity	≤95% RH, non-condensing
Storage Temperature	−30 °C to +60 °C (−22 °F to +140°F)
Storage Humidity	≤95% (RH), non-condensing
Casing	Metal
Dimension	Φ122 mm × 53.3 mm
Weight	460g

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Dimensions (mm/inch)



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