THINK SECURITY
THINK CP PLUS

CP PLUS

CP-UNC-TC41ZL6C-VMD-LQ

4MP Dual Light Bullet Camera - 60Mtr.

- 1/2.7" 4MP PS CMOS Image Sensor (0.9407 Centimeters)
- Max. 4MP (2688 × 1520)@1–25/30fps/ (2560×1440)@1-25/30fps)
- Instastream, H.265, H.264, H.264H, H.264B, MJPEG
- Support Quad stream
- WDR(120dB), Day/Night(ICR), 3D NR, ROI, AWB, AGC, BLC, HLC, Digital watermarking
- Support Built-in Mic
- IR Range of 60 Mtr., Warm Light Range of 60 Mtr.
- 2.7mm~13.5mm Motorized Lens
- Support Starlight Technology
- Micro SD Card, PoE, IP67, IK10 (optional)



CP PLUS TRUSTED CORE TECHNOLOGY

illuMax Dual Light

System Overview

The CP PLUS Advanced Dual Light Cameras provide the perfect solution for elevating your security system. Designed for superior adaptability, these cameras support multiple illumination modes and advanced monitoring features, ensuring unmatched performance in various environments.

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.

*Product casing and specifications are subject to change without prior notice

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Functions

Instastream

This camera has been designed with the latest and most efficient innovation among the standard video compression designs. 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

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.

Power over Ethernet (PoE)

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	1/2.7" 4MP PS CMOS Image Sensor (0.9407 Centimeters)
Effective Pixels	2688 (H) × 1520 (V)
Minimum Illumination	0.001 lux@F1.4 (Color, 30 IRE), 0.0001 lux@F1.4 (B/W, 30 IRE), 0 lux (IR on)
Shutter Speed	Auto/Manual 1/3 s–1/100,000 s
Angle Adjustment	Pan: 0°–360°, Tilt: 0°–90°, Rotation: 0°–360°
White Balance	Auto, Natural, Street lamp, Outdoor, Manual, Regional custom
RAM	128 MB
ROM	128 MB
DORI Distance	Lens W: 64.0 m (Detect), 25.6 m (Observe), 12.8 m (Recognize), 6.4 m (Identify) Lens T: 210.0 m (Detect), 84.0 m (Observe), 42.0 m (Recognize), 21.0 m (Identify)
Gain Control(AGC)	Auto/ Manual
Lens Type	Motorized vari-focal
Max. Aperture	F1.4
Close Focus Distance	0.8 m
Lens	2.7mm~13.5mm
Lens Mount	M14
S/N Ratio	>58 dB
Back Light Compensation	BLC/ HLC/ WDR(120dB)
Smart IR	Support
Angle of View	H: 97°–28°, V: 52°–16°, D: 117°–32°
IR Number	4 (Multi-core (IR + warm) light)
IR	IR Range of 60 Mtr.
Warm Light	Warm Light Range of 60 Mtr.
Day/Night	Auto(ICR)/Color/B/W
IR Control	Auto, Manual
Iris Control	Fixed, DC Iris (optional)

CE FC RoHS ONVIF

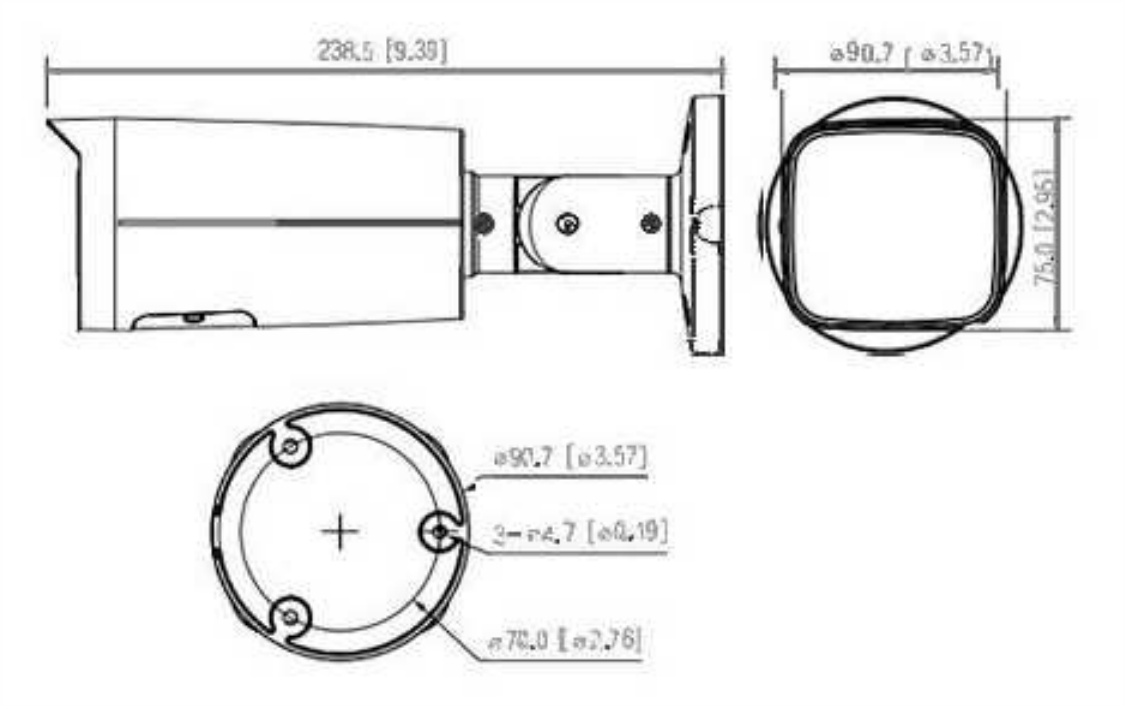
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Feature	Specification
Smart search	Work together with Smart NVR to perform refine intelligent search, event extraction and merging to event videos
Stream Capability	Quad Stream
Frame Rate	Main stream: 4MP (2688 × 1520)@1–25/30fps, (2560 × 1440)@1-25/30fps, 3MP (2304 × 1296)@1-25/30fps,1080P (1920 × 1080)@1-25/30fps,1.3MP (1280 × 960)@1-25/30fps, 720P (1280 × 720)@1-25/30fps Sub stream 1: 720P (1280 x 720)@1-25/30fps, VGA (640 x 480)@1-25/30fps, CIF (352 x 288/ 352 x 240)@1-25/30fps, D1 (704 × 576/ 704 × 480)@1-25/30fps Sub stream 2: VGA (640 x 480)@1-25/30fps, CIF (352 x 288/ 352 x 240)@1-25/30fps, D1 (704 × 576/ 704 × 480)@1-25/30fps Sub stream 3: D1 (704 × 576/ 704 × 480)@1fps
Video Compression	Instastream, H.265, H.264, H.264H, H.264B, MJPEG (Only supported by sub stream)
Resolution	4MP (2688 × 1520), (2560 × 1440), 3MP (2304 × 1296), 1080P (1920 × 1080), 1.3MP (1280 × 960), 720P (1280 x 720), D1 (704 × 576/ 704 × 480), VGA (640 x 480), CIF (352 x 288/ 352 x 240)
Noise Reduction	3D NR
Motion detection	OFF/ON (4 areas, rectangular)
Video format	PAL/NTSC
Privacy Mask	4 areas
IVS(Perimeter Protection)	Tripwire, Intrusion, IMD (Intelligent motion detection)
ROI	Support (4 areas)
OSD	Camera title, Date & Time
Audio Compression	G.711a, G.711Mu, G.726, PCM, AAC
Bit Rate	H.265: 3 kbps-6144 kbps, H.264: 8 kbps-6144 kbps
Bit Rate Control	CBR/ VBR
Protocol	SFTP, IPv6, IPv4, DNS, RTCP, NTP, RTP, RTMP, HTTP, HTTPS, SNMP V3, TLS Version 1.2, TCP/IP, PPPoE, NFS, UDP, ICMP, IGMP, SSL, DHCP, SMTP, RTSPS, ONVIF (Profile S, Profile G, Profile T), unicast, multicast
SDK and API	Support
Smart Illumination	Support
Alarm Event	No SD card, SD card full, SD card error, Network disconnection, IP conflict, illegal access, Motion detection, Video tampering, Tripwire, Intrusion, Audio detection, Voltage detection, IMD (Intelligent motion detection), Security exception, External alarm
Mirror Function	Support
Audio	Built-in Mic
Scene change detection	Support

Feature	Specification
Cyber Security	AES 256-bit Encryption, Configuration encryption, trusted execution, Digest, security logs, WSSE, account lockout, syslog, video encryption, IP/MAC filtering, HTTPS, trusted upgrade, trusted boot
Ethernet	RJ-45 (10/100 Base-T)
Image Rotation	0°/90°/180°/270° (Support 90°/270° with 2688 × 1520 resolution and lower)
Audio Input	1 Channel (RCA port)
Audio Output	1 Channel (RCA port)
Alarm IN	1 Channel in: 5 mA 3–5 VDC
Alarm Out	1 Channel out: 300 mA 12 VDC
Browser	IE, Chrome, Firefox
User/Host	6 (Total bandwidth: 36 M)
Storage	SFTP, Mirco SD card (Max. 512GB)
Hardware Reset Point	Support
Certificates	ISO 9001: 2015, ISO 20000-1 : 2018, CE, FCC and RoHS, BIS, STQC approved compliance report
Power Source	12 VDC/PoE (802.3af)
Power Consumption	Basic: 2.6 W (12 VDC), 3.1 W (PoE); Max.: 10.2 W (12 VDC), 12.7 W (PoE) (H.265 + intelligence on+ WDR + warm light intensity)
Weatherproof Standard	IP67, IK10 (optional)
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	238.5 mm × 90.7 mm × 90.7 mm
Weight	760g

Published Date –24-09-2026

Dimensions (mm/inch)



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