

# CP-UNC-VC41L5C-VMD-LQ

4MP Dual Light Vandal Dome Camera - 50Mtr.



- 1/2.7" 4MP PS CMOS Image Sensor (0.9407 Centimeters)
- Max. 4MP (2688 × 1520)@1–20 fps/ (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 50 Mtr., Warm Light Range of 30 Mtr.
- 3.6mm fixed Lens
- Support Starlight Technology
- Micro SD Card, PoE, IP67, IK10



## 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.



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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.

#### 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.

#### 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.

#### 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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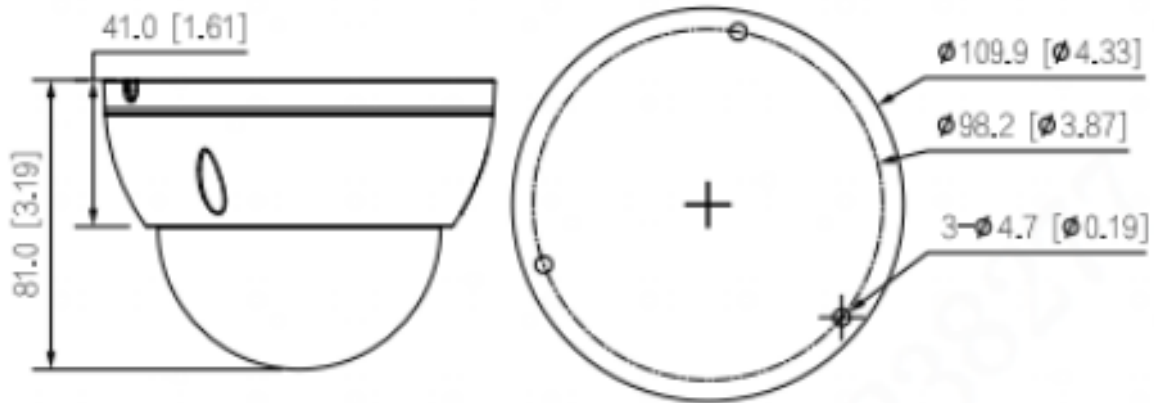
Feature	Specification
Image Sensor	1/2.7" 4MP PS CMOS Image Sensor (0.9407 Centimeters)
Effective Pixels	2688 (H) × 1520 (V)
Minimum Illumination	0.001 lux@F1.4 (Color, 30 IRE), 0.0001 lux@F1.4 (B/W, 30 IRE), 0 lux (IR on)
Electronic Shutter	Auto/Manual 1/3 s–1/100,000 s
RAM	128 MB
ROM	128 MB
White Balance	Auto, Natural, Street lamp, Outdoor, Manual, Regional custom
Gain Control(AGC)	Auto/ Manual
Lens Type	Fixed-focal
Max. Aperture	F1.4
Lens Mount	M12
Close Focus Distance	1.7 m
Lens	3.6mm fixed Lens
Day/Night	Auto(ICR)/Color/B/W
S/N Ratio	>58 dB
Back Light Compensation	BLC/ HLC/ WDR(120dB)
Angle Adjustment	Pan: 0°–355°, Tilt: 0°–65°, Rotation: 0°–355°
Angle of View	H: 83°, V: 43°, D: 100°
DORI Distance	85.4 m (Detect), 34.2 m (Observe), 17.1 m (Recognize), 8.5 m (Identify)
Resolution	4MP (2688 × 1520/ 2560 × 1440), 3MP (2304 × 1296), 2MP (1920 × 1080), 1.3MP (1280 × 960) 720p (1280 × 720), D1 (704 × 576/ 704 × 480), VGA (640 × 480), CIF (352 × 288/ 352 × 240)
IR Number	3 IR LED, 4 Warm light
Warm Light	Warm Light Range of 30 Mtr.
IR	IR Range of 50 Mtr.
Smart Illumination	Support
IR Control	Auto, Manual

Feature	Specification
Stream Capability	Quad Stream
Frame Rate	Main stream: 4MP (2688 × 1520)@1–20 fps/ (2560×1440)1-25/30fps Sub stream 1: D1@1–25/30 fps; Sub stream 2: D1@1–25/30 fps; Sub stream 3: D1@1fps
Video Compression	Instastream, H.265, H.264, H.264H, H.264B, MJPEG (Only supported by sub stream)
Noise Reduction	3D NR
Motion detection	OFF/ON (4 areas, rectangular)
IVS(Perimeter Protection)	Tripwire, Intrusion, IMD (Intelligent motion detection)
Privacy Mask	4 areas
Video format	PAL/NTSC
Iris Control	Fixed
ROI	Support (4 areas)
Audio	Built-in Mic
Audio Input	1 Channel (RCA port)
Audio Compression	PCM, G.711a, G.711Mu, G.726, AAC
Audio Output	1 Channel (RCA port)
OSD	Camera title, Date & Time
Alarm IN	1 Channel in: wet contact, 5 mA 3–5 VDC
Alarm Out	1 Channel out: wet contact, 300 mA 12 VDC
Protocol	SFTP, IPv6, IPv4, DNS, RTCP, NTP, RTP, HTTP, HTTPS, SNMP V3, TLS Version 1.2, TCP/IP, PPPoE, NFS, UDP, ICMP, IGMP, SSL, DHCP, RTMP, SMTP, RTSPS, ONVIF (Profile S, Profile G, Profile T), unicast, multicast
SDK and API	Support
IMD (Intelligent motion detection)	Support
Alarm Event	Network disconnection, IP conflict, illegal access, Motion detection, Video tampering, Tripwire, Intrusion, Scene changing, Audio detection, External alarm, IMD (Intelligent motion detection), Security exception
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
Mirror Function	Support
Ethernet	RJ-45 (10/100 Base-T)
Bit Rate	H.265: 3 kbps-6144 kbps, H.264: 8 kbps-6144 kbps

Feature	Specification
Bit Rate Control	CBR/VBR
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
Browser	IE: IE11, Chrome, Firefox
Image Rotation	0°/90°/180°/270° (Support 90°/270° with 2688 × 1520 resolution and lower)
User/Host	6 (Total bandwidth: 36 M)
Storage	SFTP, Mirco SD card (Max. 512GB)
Weatherproof Standard	IP67, IK10
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: 2.4 W (12 VDC), 3 W (PoE); Max.: 6.6 W (12 VDC), 7.9 W (PoE) (H.265 + intelligence on+ WDR + illuminator intensity)
Operating Temperature	-40 °C to +60 °C
Operating Humidity	≤95% (RH), non-condensing
Storage Temperature	-40 °C to +60 °C (-40 °F to +140 °F)
Storage Humidity	≤95% (RH), non-condensing
Casing	Metal
Dimension	81.0 mm × 109.9 mm
Weight	350g

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Dimensions (mm/inch)



**Company Name:**

CP PLUS (Aditya Infotech Ltd.)  
F-28 Okhla Industrial Area, Phase 1,  
New Delhi 110020, INDIA

**Contact Mail ID :-** [customercare@cpplusworld.com](mailto:customercare@cpplusworld.com)