

CP-UNC-WC41L3C-VMD-LQ

4MP Dual Light Wedge Camera - 30Mtr.

- 1/2.9" 4MP PS CMOS Image Sensor (0.8758 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
- 2.8mm Fixed Lens
- IR Range of 30 Mtr., Warm Light Range of 30 Mtr.
- Support Built-in Mic, IP67, IK10, Micro SD Card, PoE
- Support Starlight Technology



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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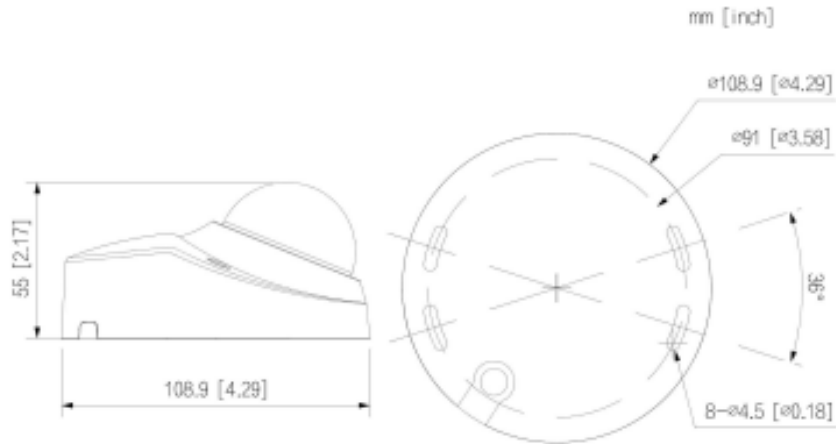
Feature	Specification
Image Sensor	1/2.9" 4MP PS CMOS Image Sensor (0.8758 centimeters)
Minimum Illumination	0.006 lux@F1.6 (Color, 30 IRE), 0.0006 lux@F1.6 (B/W, 30 IRE), 0 lux (IR on)
Effective Pixels	2688 (H) × 1520 (V)
Angle Adjustment	Pan: -30° to 30°, Tilt: 0° to 80°, Rotation: 0° to 360°
Shutter Speed	Auto/Manual 1/3 s–1/100000 s
White Balance	Auto, Natural, Street lamp, Outdoor, Manual, Regional custom
RAM	128 MB
ROM	128 MB
Lens	2.8mm Fixed Lens
Close Focus Distance	1.1 m
DORI Distance	63.6 m (Detect), 25.4 m (Observe), 12.7 m (Recognize), 6.4 m (Identify)
Iris Type	Fixed
Lens Type	Fixed focal
Lens Mount	M12
Max. Aperture	F1.6
Gain Control(AGC)	Auto/Manual
Angle of View	H: 101°, V: 54°, D: 120°
IR Number	4 (Multi-core (IR + warm) light)
IR	IR Range of 30 Mtr.
Warm Light	Warm Light Range of 30 Mtr.
Video Compression	Instastream, H.265, H.264, H.264H, H.264B, MJPEG (Only supported by the sub stream)
S/N Ratio	> 56 dB
Back Light Compensation	BLC/ HLC/ WDR(120dB)

Feature	Specification
Resolution	4M (2688 × 1520/2560 × 1440), 3M (2304 × 1296), 2M (1920 × 1080), 1.3M (1280 × 960), 720p (1280 × 720), D1 (704 × 576/704 × 480), VGA (640 × 480), CIF (352 × 288/352 × 240)
Stream Capability	Quad Stream
Frame Rate	Main stream: 4MP (2688 × 1520)@1-25/30fps/ (2560 × 1440)1-25/30fps Sub stream 1: 720p(1280 x 720)@1-25/30fps, VGA (640 x 480)@1-25/30fps, CIF (352 x 288) @1-25fps/(352 x 240)@1-30fps, D1 (704 × 576)@1-25fps/ (704 × 480)@1-30fps Sub stream 2: VGA (640 x 480)@1-25/30fps, CIF (352 x 288)@1-25fps/ (352 x 240)@1-30fps, D1 (704 × 576)@1-25fps/ (704 × 480)@1-30fps Sub stream 3: D1 (704 × 576)@1fps/ (704 × 480)@1fps
Noise Reduction	3D NR
Motion detection	OFF/ON (4 areas, rectangular)
Privacy Mask	4 areas
ROI	Support (4 areas)
Bit Rate	H.265: 3 kbps-6144 kbps, H.264: 8 kbps-6144 kbps
Bit Rate Control	CBR/VBR
Protocol	IPv4, IPv6, HTTP, HTTPS, SNMP V3, TLS Version 1.2, QOS, TCP, UDP, ARP, RTP, RTSP, RTCP, RTMP, SMTP, SFTP, DHCP, DNS, NTP, Multicast, ICMP, IGMP, InstaOn, ONVIF (Profile S & Profile G & Profile T), CGI
IntelliSearch	Work together with Smart NVR to perform refine intelligent search, event extraction and merging to event videos
Video format	PAL/NTSC
OSD	Camera title, Date & Time
Ethernet	RJ-45 (10/100Base-T)
SDK and API	Support
Day/Night	Auto(ICR)/Color/B/W
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
User/Host	6 (Total bandwidth: 36 M)
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

Feature	Specification
Browser	IE, Chrome, Firefox
IR Control	Auto, Manual
Mirror Function	Support
IMD (Intelligent motion detection)	IMD+
Audio	Built-in Mic
Audio Compression	G.711a, G.711Mu, G.726, PCM, AAC
Audio Input	1 channel (RCA port)
Audio Output	1 channel (RCA port)
Alarm IN	1 channel in: wet contact, 5 mA 3–5 VDC
Alarm Out	1 channel out: wet contact, 300 mA 12 VDC
Storage	SFTP, Mirco SD card (Max. 512 GB)
IVS(Perimeter Protection)	Intrusion, tripwire (the two functions support the classification and accurate detection of vehicle and human)
Image Rotation	0°/90°/180°/270° (Support 90°/270° with 2688 × 1520 resolution and lower)
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: 2.3 W (12 VDC), 2.8 W (PoE); Max.: 7.1 W (12 VDC), 8.5 W (PoE) (H.265 + intelligence on+ WDR + illuminator intensity)
Weatherproof Standard	IP67, IK10
Operating Temperature	–40°C to +60°C (–40°F to +140°F)
Operating Humidity	≤95%
Storage Temperature	–40°C to +60°C (–40°F to +140°F)
Storage Humidity	≤95%
Dimension	55.0 mm × 108.9 mm
Casing	Metal
Weight	410g

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Dimensions (mm/inch)



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