THINK SECURITY
THINK CP PLUS

CP PLUS

CP-UNC-DA41L3C-D-LQ2

4MP Dual Light Dome Camera - 30Mtr.

- 1/2.9" 4MP PS CMOS Image Sensor (0.8758 Centimeters)
- Max. 4MP (2688 x 1520), (2560 x 1440)@1-25/30fps
- Instastream, H.265, H.264, H.264H, H.264B, MJPEG
- Support Triple Stream
- WDR (120dB), Day/Night (ICR), 3D NR, ROI, AWB, AGC, BLC, HLC
- Support Built-in Mic
- 3.6mm Lens (2.8mm Optional)
- IR Range of 30 Mtr., Warm Light Range of 30 Mtr., PoE, IP67
- Mobile Software: iCMOB, gCMOB
- CMS Software: KVMS Pro Lite, EVMS Pro



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

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.

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.

Smart IR

Smart IR technology can display image in the environment of low illuminance or completely dark environment. According to the distance of the targets, the camera adjusts IR LEDs intensity automatically to display the details of the moving target.

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.

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)
Shutter Speed	Auto/Manual 1/3 s–1/100,000 s
Angle Adjustment	Pan: 0°–360°, Tilt: 0°–78°, Rotation: 0°–360°
RAM	128 MB
ROM	128 MB
White Balance	Auto, Natural, Street lamp, Outdoor, Manual, Regional custom
Image Setting	Brightness, Contrast, Sharpness, Saturation, Gamma
Lens Type	Fixed-focal
Max. Aperture	F1.6
Lens Mount	M12
IR Control	Auto, Manual
Smart IR	Support
IR Number	1 (Multi-core (IR + warm) light)
IR	IR Range of 30 Mtr.
Warm Light	Warm Light Range of 30 Mtr.
Day/Night	Auto(ICR)/Color/B/W
Close Focus Distance	3.6 mm: 1.7m; 2.8 mm: 1.1m
DORI Distance	3.6mm: 85.4 m (Detect), 34.2 m (Observe), 17.1 m (Recognize), 8.5 m (Identify) 2.8mm: 64.0 m (Detect), 25.6 m (Observe), 12.8 m (Recognize), 6.4 m (Identify)
Gain Control(AGC)	Auto/Manual
Lens	3.6mm (2.8mm Optional)
Video Compression	Instastream, H.265, H.264, H.264H, H.264B, MJPEG (Only supported by the sub stream)
Back Light Compensation	BLC/ HLC/ WDR(120dB)
S/N Ratio	>56dB
Angle of View	3.6 mm: H: 78°; V: 40°; D: 93, 2.8 mm: H: 94°; V: 51°; D: 110°

CE FC RoHS ONVIF

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Feature	Specification
Stream Capability	Triple Stream
Frame Rate	Main Stream: 4MP (2688 x 1520)@1-25/30fps, (2560 x 1440)@1-25/30fps, 3MP (2304 x 1296)@1-25/30fps, 1080P (1920 x 1080)@1-25/30fps, 1.3MP (1280 x 960)@1-25/30fps, 720P (1280 x 720)@1-25/30fps Sub stream 1: 720P (1280 x 720)@1-25/30fps, D1 (704 x 576)@1-25/30fps, VGA (640 x 480)@1-25/30fps, CIF (352 x 288)@1-25/30fps Sub stream 2: D1 (704 x 576)@1-25/30fps, VGA (640 x 480)@1-25/30fps, CIF (352 x 288)@1-25/30fps
Resolution	4MP (2688 x 1520), (2560 x 1440), 3MP (2304 x 1296), 1080P (1920 x 1080), 1.3MP (1280 x 960)@1-25fps, 720P (1280 x 720), D1 (704 x 576), VGA (640 x 480), CIF (352 x 288)
Noise Reduction	3D NR
Motion detection	OFF/ON (4 areas, rectangular)
Privacy Mask	4 areas
ROI	Support (4 areas)
Audio	Built-in Mic
Audio Compression	G.711a, G.711Mu, PCM, G.726, AAC
OSD	Channel Title, Time Title, Text Overlay, Font Attribute, Custom Overlay
Bit Rate Control	CBR/VBR
Bit Rate	H.265: 3 kbps–6144 kbps, H.264: 8 kbps–6144 kbps
Video Standard	PAL/NTSC
Protocol	IPv4, IPv6, HTTP, HTTPS, TLS V1.2,1.3, TCP, ARP, UDP, RTP, RTSP, RTSPS, RTCP, RTMP, SMTP, SFTP, DHCP, DNS, QoS, NTP, Unicast, Multicast, ICMP, IGMP, SSL, PPPoE, SNMP V3, InstaOn, Auto Connect, ONVIF (Profile S, Profile T, Profile G**)
SDK and API	Support
Alarm Event	Network Disconnection, IP conflict, Motion Detection, Video Tampering, Illegal Access, IMD (Human & Vehicle), Audio Detection, Scene Changing, Security Exception
Cyber Security	AES 256-bit Encryption, Configuration encryption, Trusted execution, Digest, Security logs, WSSE, Account lockout, Syslog, Video encryption, IP/MAC filtering, 802.1x, HTTPS, Trusted upgrade, Trusted boot, Firmware encryption
Device Search Tool	IP finder
OTA (Over-The-Air)	Support
Mirror Function	Support
Human Detection	Support
Vehicle Detection	Support
Audio Sampling Rate	8 kHz, 16 kHz

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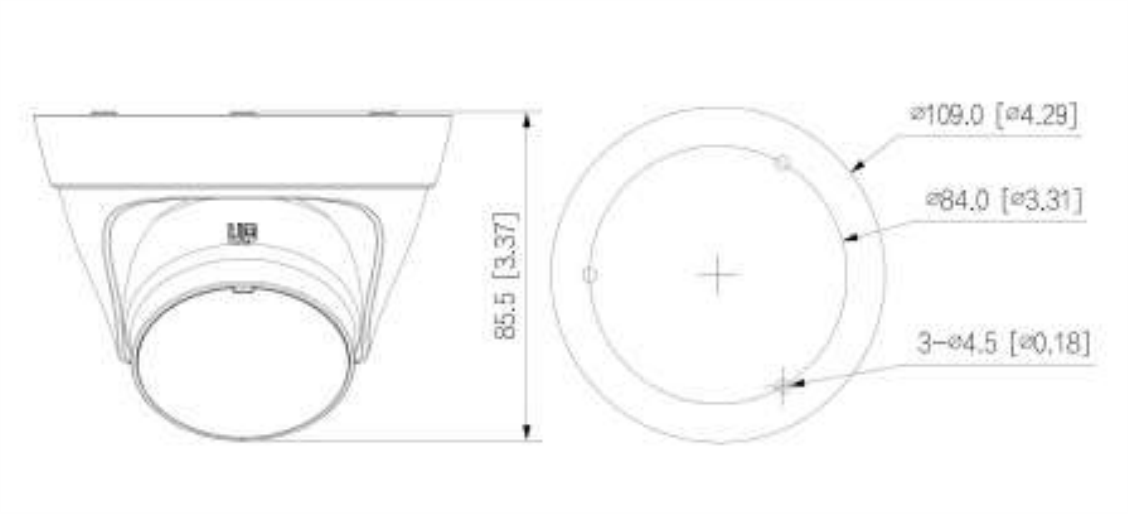
Feature	Specification
Record Mode	Manual recording; video detection recording; scheduled recording Recording priority: Manual > Video detection > Scheduled
Image Flip	Support
Iris Control	Fixed
Image Rotation	0°/90°/180°/270°
Browser	Edge, IE, Chrome, Firefox
User/Host	6 (Total bandwidth: 36 M)
Ethernet	RJ-45 (10/100 Base-T)
Storage	SFTP
Weatherproof Standard	IP67
Working Voltage	12 VDC (±30%); Ethernet Port (PoE) (802.3af)
Power Source	12 VDC/Ethernet Port (PoE) (802.3af) (Dual Power Backup)
Power Consumption	Basic: 1.6 W (12 VDC), 2.0 W (PoE) Max. : 3.7 W (12 VDC), 4.7 W (PoE) (H.265 + intelligence on + WDR+ warm light intensity)*
Operating Temperature	–40 °C to +60 °C (–40 °F to +140 °F)
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 + Plastic
Dimension	85.5 mm × Φ109 mm
Weight	250 g
Certificates	ISO 9001: 2015, ISO 20000-1 : 2018, ISO 14001 : 2015, ISO 45001 : 2018, ISO 50001:2018, CE, FCC, RoHS and BIS, STQC approved compliance report

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*Power consumption may increase on continuous use
**Support on models with SD Card

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Dimensions (mm/inch)



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