

CP-UNC-DA21L3C-Q

2MP Network IR Dome Camera - 30Mtr.

- 1/2.8" 2MP PS CMOS Image Sensor (0.9071 centimeters)
- Max. 2MP (1920 × 1080)@1-25/30fps
- Instastream, H.265, H.264, H.264H, H.264B, MJPEG
- Support Triple stream
- Support Built-in Mic
- 3.6mm Lens (2.8mm optional)
- DWDR, Day/Night (ICR), 3D NR, ROI, AWB, AGC, BLC, HLC, Digital watermarking
- IR Range of 30 Mtr., PoE, IP67



System Overview

With features of simple installation, easy operation, and high performance-cost ratio, This Series camera is applicable to small and medium-sized scenes, such as homes/residences, small-sized retail stores, and other small and medium-sized enterprises.

MTBF

Secure Boot : With an impressive Mean Time Between Failures (MTBF) of over 100,000 hours, this camera delivers exceptional durability with its ability to perform seamlessly in demanding environments. Constructed with industrial-grade components, it is engineered to withstand the rigors of continuous operation, making it a perfect fit for critical applications such as 24/7 surveillance and public safety monitoring.



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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.

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.

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.

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.

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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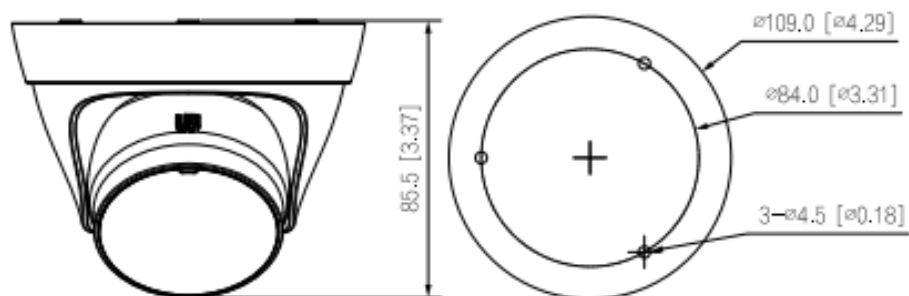
Feature	Specification
Image Sensor	1/2.8" 2MP PS CMOS Image Sensor (0.9071 centimeters)
Effective Pixels	1920 (H) × 1080 (V)
Minimum Illumination	0.01 lux@F2.0 (Color, 30 IRE), 0.001 lux@F2.0 (B/W, 30 IRE), 0 lux (IR on)
Angle Adjustment	Pan: 0°–360°, Tilt: 0°–78°, Rotation: 0°–360°
Shutter Speed	Auto/Manual 1/3 s–1/100,000 s
White Balance	Auto, Natural, Street lamp, Outdoor, Manual, Regional custom
RAM	128 MB
ROM	128 MB
DORI Distance	Lens 3.6mm: 52.4 m (Detect), 21.0 m (Observe), 10.5 m (Recognize), 5.2 m (Identify) Lens 2.8mm: 45.5 m (Detect), 18.2 m (Observe), 9.1 m (Recognize), 4.6 m (Identify)
Gain Control(AGC)	Auto/Manual
Lens Type	Fixed-focal
Max. Aperture	F2.0
Lens Mount	M12
Close Focus Distance	3.6 mm: 0.9 m, 2.8 mm: 0.6 m
Lens	3.6mm (2.8mm optional)
Video Compression	Instream, H.265, H.264, H.264H, H.264B, MJPEG (Only supported by the sub stream)
IR Number	1 IR LED
IR	IR Range of 30 Mtr.
Smart IR	Support
Day/Night	Auto(ICR)/Color/B/W
S/N Ratio	>56dB
Angle of View	3.6 mm: H: 86°, V: 47°, D: 103° 2.8 mm: H: 101°, V: 54°, D: 119°
Back Light Compensation	BLC/ HLC/ DWDR

Feature	Specification
Stream Capability	Triple stream
Frame Rate	Main stream: 2MP (1920 × 1080)@1-25/30fps Sub stream 1: 720p (1280 × 720), D1 (704 × 576)@1-25fps/ (704 × 480)@1-30fps, VGA (640 × 480)@1-30fps, CIF (352 × 240)@1-30fps/ (352 × 288) @1-25fps Sub stream 2: D1 (704 × 576)@1-25fps/ (704 × 480)@1-30fps, VGA (640 × 480)@1-30fps, CIF (352 × 240)@1-30fps/ (352 × 288) @1-25fps
Video format	PAL/NTSC
Privacy Mask	4 areas
Resolution	2MP (1920 × 1080), 1.3MP (1280 × 960), 720p (1280 × 720), D1 (704 × 576/704 × 480), VGA (640 × 480), CIF (352 × 288/352 × 240)
Noise Reduction	3D NR
Motion detection	OFF/ON (4 areas, rectangular)
ROI	Support (4 areas)
OSD	Camera title, Date & Time
Audio	Built-in Mic
Audio Compression	G.711a, G.711Mu, PCM, G.726, AAC
Bit Rate	H.265: 3 kbps-6144 kbps, H.264: 8 kbps-6144 kbps
Bit Rate Control	CBR/VBR
Human Body Detection	Support the classification and accurate detection of human & Motor Vehicle
Protocol	SFTP, IPv6, IPv4, DNS,RTCP, NTP, RTP, HTTP, HTTPS, SNMP V3, TLS Version 1.2, TCP/IP, PPPoE, NFS, UDP, ICMP, SSL, DHCP, SMTP, RTSPS, ONVIF (Profile S, Profile G, Profile T), unicast,
SDK and API	Support
Iris Control	Fixed
Ethernet	RJ-45 (10/100 Base-T)
Smart search	Work together with Smart NVR to perform refine intelligent search, event extraction and merging to event videos
Alarm Event	Network disconnection, IP conflict, illegal access, Motion detection, Video tampering, Audio detection, SMD (human & Motor Vehicle), 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

Feature	Specification
IR Control	Auto, Manual
Image Rotation	0°/90°/180°/270° (Support 90°/270° with 2MP resolution and lower)
Certificates	ISO9001, CE, FCC and RoHS, BIS
Power Source	12 VDC/PoE (802.3af)
Power Consumption	Basic: 1.3 W (12 VDC), 1.6 W (PoE) Max. (H.265 + intelligence on + WDR+ IR intensity): 3.3 W (12 VDC), 4.2 W (PoE)
User/Host	6 (Total bandwidth: 36 M)
Weatherproof Standard	IP67
Browser	IE, Chrome, Firefox
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
Dimension	85.5 mm × 109 mm
Casing	Metal + Plastic
Weight	250g

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Dimensions (mm/inch)



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