

CP-UNC-DA21L3C-Q2

2MP Network IR Dome Camera - 30Mtr.

- 1/2.9" 2MP PS CMOS Image Sensor (0.8758 centimeter)
- Max. 2MP (1920 × 1080)@1-25/30fps
- 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
- IR Range of 30 Mtr., PoE, IP67
- Mobile Software: iCMOB, gCMOB
- CMS Software: KVMS Pro Lite, EVMS Pro



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.

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.

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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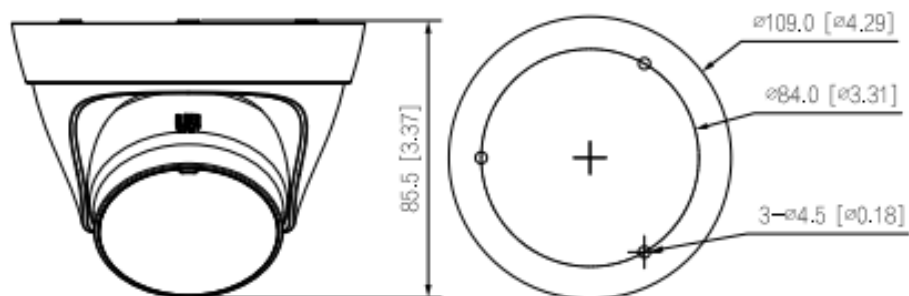
Feature	Specification
Image Sensor	1/2.9" 2MP PS CMOS Image Sensor (0.8758 centimeter)
Minimum Illumination	0.03 lux@F2.0 (Color, 30 IRE), 0.003 lux@F2.0 (B/W, 30 IRE), 0 lux (IR on)
Effective Pixels	1920 (H) × 1080 (V)
Shutter Speed	Auto/Manual 1/3 s–1/100,000 s
Angle Adjustment	Pan: 0°–360°, Tilt: 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	F2.0
Lens Mount	M12
IR Control	Auto, Manual
Smart IR	Support
IR Number	1 IR LED
IR	IR Range of 30 Mtr.
Day/Night	Auto(ICR)/Color/B/W
Close Focus Distance	3.6mm: 0.9m, 2.8mm: 0.6m
DORI Distance	3.6mm:- 56.3 m (Detect), 22.5 m (Observe), 11.3 m (Recognize), 5.6 m (Identify) 2.8mm: 45.5 m (Detect), 18.2 m (Observe), 9.1 m (Recognize), 4.6 m (Identify)
Gain Control(AGC)	Auto/Manual
Lens	3.6mm (2.8mm optional)
Video Compression	H.265, H.264, H.264H, H.264B, MJPEG (Only supported by the sub stream)
Back Light Compensation	BLC/ HLC/ DWDR

Feature	Specification
S/N Ratio	>56dB
Angle of View	3.6mm: H: 78°, V: 43°, D: 92° 2.8mm: H: 92°, V: 50°, D: 107°
Stream Capability	Triple stream
Frame Rate	Main Stream: 2MP (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/ 704 x 480)@1-25/30fps, VGA (640 x 480)@1-25/30fps, CIF (352 x 288/ 352 x 240)@1-25/30fps Sub stream 2: D1 (704 x 576/ 704 x 480)@1-25/30fps, VGA (640 x 480)@1-25/30fps, CIF (352 x 288/ 352 x 240)@1-25/30fps
Resolution	2MP (1920 x 1080), 1.3MP (1280 x 960), 720p (1280 x 720), D1 (704 x 480/ 704 x 576), VGA (640 x 480), CIF (352 x 240/ 352 x 288)
Noise Reduction	3D NR
Defog	Digital defog
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	Privacy Masking, Channel Title, Time Title, Text Overlay, Font Attribute, Custom Overlay
Bit Rate Control	CBR/VBR
Bit Rate	H.265: 24 kbps–6144 kbps H.264: 9 kbps–6144 kbps
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)
Video format	PAL/NTSC
SDK and API	Support
Event Alarm	Motion Detection, Illegal Access, Scene Changing, Video Tampering, Audio Detection, Security Exception, IMD (Human & Vehicle)

Feature	Specification
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
IMD (Intelligent motion detection)	Support Both Human & Vehicle Detection
Audio Sampling Rate	8KHz
Image Flip	0°/90°/180°/270
Iris Control	Fixed
Browser	IE, Chrome, Firefox
User/Host	6 (Total bandwidth: 24 M)
Ethernet	RJ-45 (10/100 Base-T)
Storage	SFTP
Weatherproof Standard	IP67
Power Source	12 VDC (±30%); Ethernet Port (PoE) (802.3af)
Power Consumption	Basic: 1.9 W (12 VDC); 2.4 W (Ethernet Port (PoE)); Max. (H.265 + intelligence on + DWDR+ IR intensity): 3.9 W (12 VDC); 4.7 W (Ethernet Port (PoE))
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
Certificates	ISO 9001: 2015, ISO 20000-1 : 2018, CE, FCC and RoHS, BIS, STQC approved compliance report
Casing	Metal + Plastic
Dimension	85.5 mm × 109 mm
Weight	250g

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Dimensions (mm/inch)



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