

CP-UNC-TA41L3C-D-Q

4MP IR Network Bullet 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 Triple stream
- WDR(120dB), Day/Night(ICR), 3D NR, AWB, AGC, BLC, HLC, Digital watermarking
- 3.6mm fixed Lens
- Support Built-in Mic
- IR Range of 30 Mtr., IP67, PoE



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.

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.

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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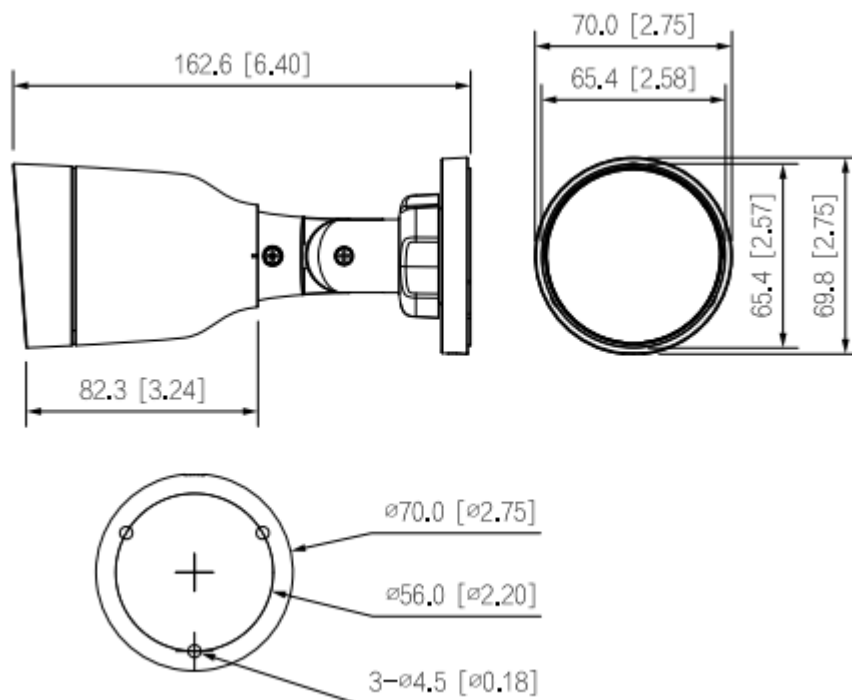
Feature	Specification
Image Sensor	1/2.9" 4MP PS CMOS Image Sensor (0.8758 centimeters)
Effective Pixels	2688(H) × 1520(V)
Minimum Illumination	0.03 lux@F2.0 (Color, 30 IRE), 0.003 lux@F2.0 (B/W, 30 IRE), 0 lux (IR on)
Angle Adjustment	Pan: 0°–360°, Tilt: 0°–90°, Rotation: 0°–360°
Shutter Speed	Auto/Manual 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	76.0 m (Detect), 30.4 m (Observe), 15.2 m (Recognize), 7.6 m (Identify)
Gain Control(AGC)	Auto, Manual
Lens Type	Fixed-focal
Max. Aperture	F2.0
Lens Mount	M12
Close Focus Distance	1.3 m
Lens	3.6mm fixed Lens
Video Compression	Instastream, H.265, H.264, H.264H, H.264B, MJPEG (only supported by the sub stream)
S/N Ratio	>56dB
Angle of View	H: 78°, V: 43°, D: 92°
Back Light Compensation	BLC/ HLC/ WDR (120dB)
IR	IR Range of 30 Mtr.
Smart IR	Support
IR Number	1 IR LED
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)

Feature	Specification
Mirror Function	Support
Iris Control	Fixed
Audio	Built-in Mic
Day/Night	Auto(ICR)/Color/B/W
Stream Capability	Triple stream
Frame Rate	Main stream: 4MP (2688 × 1520)@1-25/30fps/ (2560 × 1440)@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
IR Control	Auto, Manual
Smart search	Work together with Smart NVR to perform refine intelligent search, event extraction and merging to event videos
Noise Reduction	3D NR
Motion detection	OFF/ON (4 areas, rectangular)
Video format	PAL/NTSC
Privacy Mask	4 areas
ROI	Support (4 Areas)
OSD	Camera title, Date & Time
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
Protocol	SFTP, IPv6, IPv4, DNS, RTCP, NTP, RTP, RTMP, HTTP, HTTPS, SNMP V3, TLS Version 1.2, TCP/IP, PPPoE, NFS, UDP, ICMP, IGMP, SSL, DHCP, SMTP, RTSPS, ONVIF (Profile S, Profile G, Profile T), unicast, multicast
Alarm Event	Network disconnection, IP conflict, illegal access, Motion detection, Video tampering, Audio detection, 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
Image Rotation	4MP only support 0°/180° 2MP & lower will support 0°/90°180°/270°

Feature	Specification
SDK and API	Support
Ethernet	RJ-45 (10/100 Base-T)
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: 1.5 W (12 VDC), 1.9 W (PoE); Max. (H.265 + intelligence on + WDR+ IR intensity): 3.5 W (12 VDC), 4.3 W (PoE)
User/Host	6 (Total bandwidth: 36 M)
Browser	IE, Chrome, Firefox
Weatherproof Standard	IP67
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	162.6 mm × 70 mm × 70 mm
Casing	Metal + Plastic
Weight	220g

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Dimensions (mm/inch)



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