CP-UNC-TA61L3C-LQ

6MP Dual Light Bullet Camera - 30Mtr.

- 1/2.7" 6MP PS CMOS Image Sensor (0.9407 centimeters)
- Max. 6MP (3200 × 1800)@1–20 fps/ (2688 ×1520)@1–25/30 fps
- Instastream, H.265, H.264, H.264H, H.264B, MJPEG
- Support Triple stream
- DWDR, Day/Night(ICR), 2D NR, 3D NR, ROI, AWB, AGC, BLC, HLC, Digital watermarking
- IR Range of 30 Mtr., Warm Light Range of 30 Mtr.
- 3.6mm Lens
- Support Built-in Mic, PoE, IP67

ctc
CP PLUS TRUSTED CORE
TECHNOLOGY

GOVERNMENT APPROVED CYBER SECURED

illumax
Dual Light

| 6MP | Built-in Mic | Day & Night | DWDR | IP67 |

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

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.

 CP PLUS

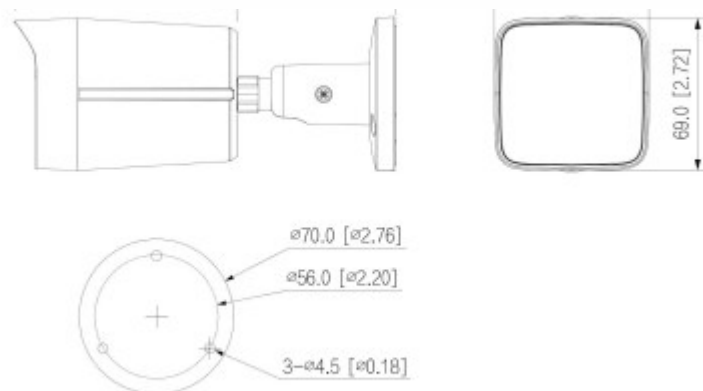# CP-UNC-TA61L3C-LQ
6MP Dual Light Bullet Camera - 30Mtr.

Feature	Specification
Image Sensor	1/2.7" 6MP PS CMOS Image Sensor (0.9407 centimeters)
Effective Pixels	3200 (H) × 1800 (V)
Minimum Illumination	0.001 lux@F1.4 (Color, 30 IRE), 0.0001 lux@F1.4 (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	256 MB
ROM	128 MB
DORI Distance	85.4 m (Detect), 34.2 m (Observe), 17.1 m (Recognize), 8.5 m (Identify)
Gain Control(AGC)	Auto/ Manual
Lens Type	Fixed-focal
Max. Aperture	F1.4
Lens Mount	M12
Close Focus Distance	1.7 m
Lens	3.6mm Lens
S/N Ratio	>58dB
Smart search	Work together with AI NVR to perform refine AI search, event extraction and merging to event videos
Angle of View	H: 91°, V: 46°, D: 110°
Back Light Compensation	BLC/ HLC/ DWDR
Video Compression	Instastream, H.265, H.264, H.264H, H.264B, MJPEG (Only supported by sub stream)
IR Number	1 (Multi-core (IR + warm) light)
IR	IR Range of 30 Mtr.
Warm Light	Warm Light Range of 30 Mtr.
OTA (Over-The-Air)	Support

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CP PLUS

Feature	Specification
Stream Capability	Triple stream
Frame Rate	Main stream: 6MP (3200 × 1800)@1–20 fps/ (2688 ×1520)@1–25/30 fps Sub stream 1: D1 (704 × 576)@1–25 fps/ (704 × 480)@1–30fps Sub stream 2: D1 (704 × 576)@1–25 fps/ (704 × 480)@1–30fps
Video format	PAL/NTSC
Privacy Mask	4 areas
ROI	Support (4 areas)
OSD	Channel Title, Time Title, Location, Font Properties, Custom Title
Resolution	6MP (3200 × 1800), 4MP (2880 × 1620/2688 × 1520), 3MP (2048 × 1536/2304 × 1296), 2MP (1920 × 1080), 1.3MP (1280 × 960), 720P (1280 × 720), D1 (704 × 576/704 × 480), VGA (640 × 480), CIF (352 × 288/352 × 240)
Noise Reduction	2D NR, 3D NR
Motion detection	OFF/ON (4 areas, rectangular)
Iris Control	Fixed
Mirror Function	Support
IR Control	Auto, Manual
Audio	Built-in Mic
Audio Compression	G.711a, G.711Mu, PCM, G.726, AAC
Bit Rate Control	CBR/ VBR
Bit Rate	H.265: 3 kbps–8192 kbps, H.264: 3 kbps–8192 kbps
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, InstaOn, ONVIF (Profile S, Profile G, Profile T), unicast, multicast
Day/Night	Auto(ICR)/Color/B/W
SDK and API	Support
Ethernet	RJ-45 (10/100 Base-T)
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
User/Host	6 (Total bandwidth: 48 M)

Feature	Specification
IMD (Intelligent motion detection)	Support the classification and accurate detection of human and vehicle
Smart Illumination	Support
Smart IR	Support
Image Rotation	0°/90°/180°/270° (Support 90°/270° with 2688 × 1520 resolution and lower)
Certificates	ISO 9001: 2015, ISO 20000-1 : 2018, CE, FCC and RoHS, BIS
Power Source	12 VDC/ PoE (802.3af)
Power Consumption	Basic: 2 W (12 VDC), 2.9 W (PoE) Max.: 4 W (12 VDC), 5.3 W (PoE) (H.265 + intelligence on+ DWDR + illuminator intensity)
Browser	IE, Chrome, Firefox
Weatherproof Standard	IP67
Operating Temperature	−40 °C to +55 °C
Operating Humidity	≤95%(RH), non-condensing
Storage Temperature	−40 °C to +60 °C
Storage Humidity	≤95%(RH), non-condensing
Dimension	178.60 mm × 70.0 mm × 68.30 mm
Casing	Metal + Plastic
Weight	350g

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Dimensions (mm/inch)

ø70.0 [ø2.76]
ø56.0 [ø2.20]
3-ø4.5 [ø0.18]
69.0 [2.72]

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