THINK SECURITY
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CP PLUS

# CP-UNC-TA41L3C-D-LQ2

## 4MP Dual Light Bullet Camera - 30Mtr.

- 1/2.9" 4MP PS CMOS Image Sensor (0.8758 Centimeters)
- Max. 4MP (2688 x 1520)/ (2560 x 1440)@1-25fps
- 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
- IR Range of 30 Mtr., Warm Light Range of 30 Mtr., PoE, IP67
- Mobile Software: iCMOB, gCMOB
- CMS Software: KVMS Pro Lite, EVMS Pro




4MP | Built-in Mic | Day & Night | WDR | IP67

illumax Dual Light

### 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.

*Product casing and specifications are subject to change without prior notice*

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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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## 4MP Dual Light Bullet Camera - 30Mtr.

| 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°–90°, 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 | 1.6 m |
| DORI Distance | 85.4 m (Detect), 34.2 m (Observe), 17.1 m (Recognize), 8.5 m (Identify) |
| Gain Control(AGC) | Auto/Manual |
| Lens | 3.6mm Lens |
| 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 | H: 78°, V: 41°, D: 94° |

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| Feature | Specification |
|---|---|
| Stream Capability | Triple Stream |
| Frame Rate | Main Stream: 4MP (2688 x 1520)/ (2560 x 1440)@1-25fps, 3MP (2304 x 1296)@1-25fps, 1080P (1920 x 1080)@1-25fps, 1.3MP (1280 x 960)@1-25fps, 720P (1280 x 720)@1-25fps<br>Sub stream 1: 720P (1280 x 720)@1-25fps, D1 (704 x 576)@1-25fps, VGA (640 x 480)@1-25fps, CIF (352 x 288)@1-25fps<br>Sub stream 2: D1 (704 x 576)@1-25fps, VGA (640 x 480)@1-25fps, CIF (352 x 288)@1-25fps |
| 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 |
| Event Alarm | Network Disconnection, IP conflict, Motion Detection, Video Tampering, Illegal Access, Audio Detection, Scene Changing, Security Exception, IMD(Human & Vehicle) |
| 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 | Support Both Human & vehicle Detection |
| Audio Sampling Rate | 8 kHz, 16 kHz |

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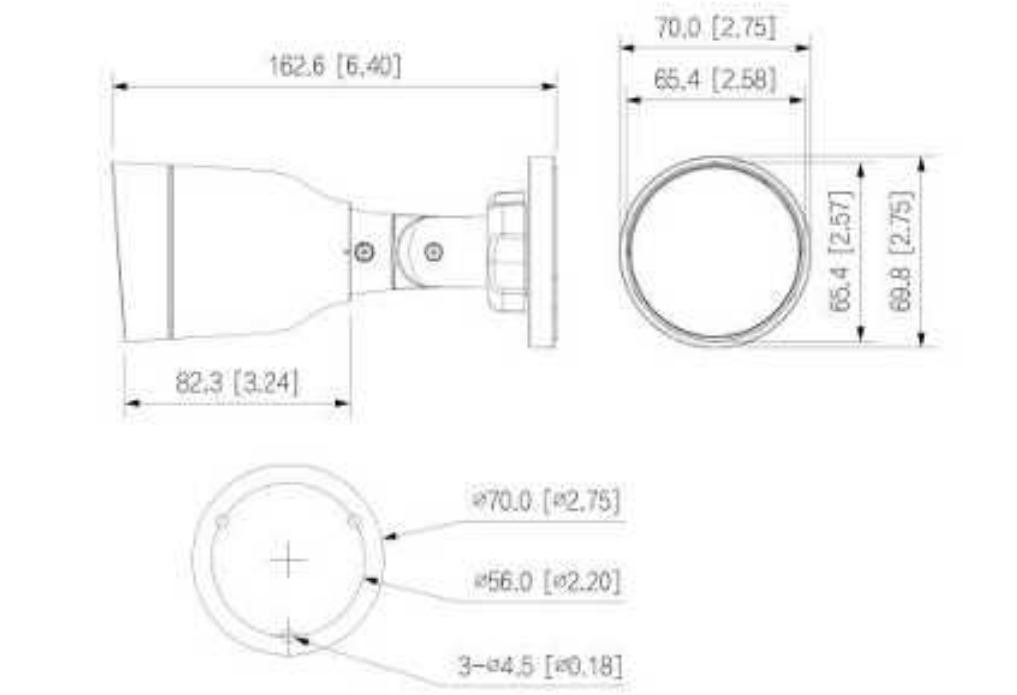
| Feature | Specification |
|---|---|
| Record Mode | Manual record, Video detection record, Schedule record<br>Record priority: Manual > Video detection > Schedule |
| Image Flip | Support |
| Iris Control | Fixed |
| Image Rotation | 0°/90°/180°/270° |
| Browser | Edge, IE, Chrome, Firefox |
| User/Host | 6 (Total bandwidth: 36 M) |
| Ethernet | RJ-45 (10/100 Base-T) |
| Storage | SFTP |
| Weatherproof Standard | IP67 |
| Working Voltage | 12 VDC (±30%), PoE (802.3af) |
| Power Source | 12 VDC/PoE (802.3af) (Dual Power Backup) |
| Power Consumption | Basic: 1.6 W (12 VDC), 2.0 W (PoE)<br>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 | 162.6 mm × 70 mm × 70 mm |
| Weight | 220 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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