**CP PLUS**

# CP-UNC-TE21ZL12E-VMD-V2

## 2MP AI WDR IR Network Bullet Camera - 120Mtr.

- 1/2.8" 2MP PS CMOS Image Sensor (0.9071 centimeters)
- Max. 25/30fps@1080P (1920 × 1080)
- Instastream and Smart H.264+ triple-stream encoding
- WDR(120dB), Day/Night (ICR), 3D-DNR, Defog, ROI, EIS, AWB, AGC, BLC, HLC
- 7mm~35mm Motorized Lens
- IR Range of 120 Mtrs, Micro SD Card, IP67, IK10, ePoE, PoE
- Mobile Software: iCMOB, gCMOB
- CMS Software: KVMS Pro

| 2MP 1080P | WDR | IP67 | | AGC | | |
|---|---|---|---|---|---|---|
| 1080P | Wide Dynamic Range | IP67 | I C R | Auto Gain Control | Automatic White Balance | Backlight Compensation |

## System Overview

Understanding the need of the hour in the security and surveillance industry, this series has been integrated with the starlight technology along with efficient and powerful deep-learning algorithms to make your life hugely easier. The numerous AI-based smart functions of this camera let you capture a face, protect the perimeter and even count people, greatly improving the accuracy of your video analysis. This camera also complies with international certification standards such as IP67 and IK10, as this camera is not just dust-proof and water-proof but also shock-proof and vandal-proof (which is given in selected models).

## Functions

### Face Detection

With the help of the deep learning algorithm that is used in this technology, people can easily be detected, tracked, recorded, and captured. It takes only a second to detect one human face. This facial recognition technology uses biometrics to map facial features from a photograph or video and compares the information with a database of known faces to find a match.

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## Functions

### Wide Dynamic Range (WDR)

When a scene is partly dark and partly bright, that is the dynamic range that distorts images due to this difference in the lighting. WDR technology provides you balanced lighting for a clear and vivid image throughout the day. WDR technology can be installed at entry/exit points of any building structure, jewellery shops, outdoor location among so many other places.

### Live Viewing

Unlike some, this technology enables you to record the picture feed but view it live as well at your convenience. On top of that, the advantages of high-resolution video recording are numerous.

### Smart Analytical Support

Using an advanced algorithm, smart analytical technology lets you set a multitude of safety parameters and sends you alerts when any of those parameters have been compromised. Not just when there's an occurrence of tripwire or intrusion, but also in the cases of missing or abandoned objects.

### 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.

### gCMOB/ iCMOB

Designed to allow users to access and control live streaming from CP PLUS IP Cameras, DVRs/ NVRs and Video Door Phones, the CP PLUS gCMOB/ iCMOB application offers a host of features such as Easy GUI, up to 16 live viewing split-ups; InstaOn cloud support; Playback; digital zoom ins; two-way talk, and more.

## 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.
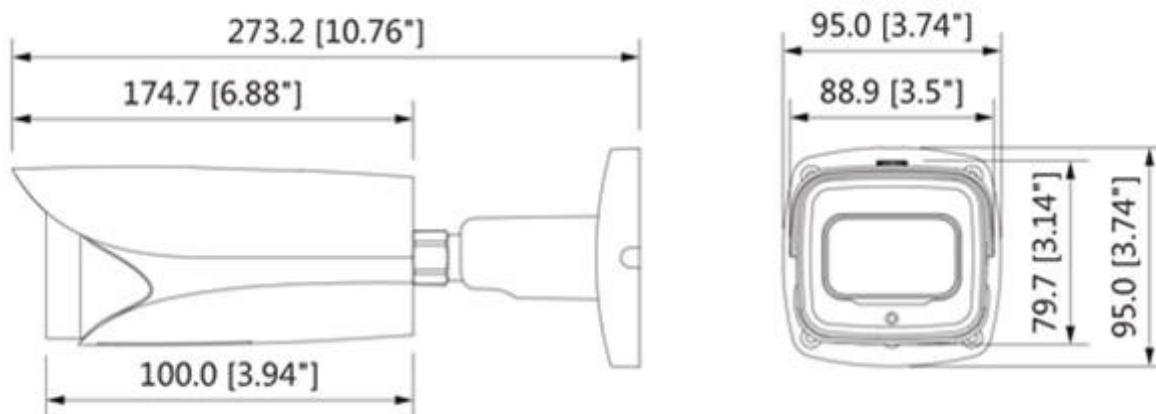
CE FC RoHS COMPLIANT ONVIF

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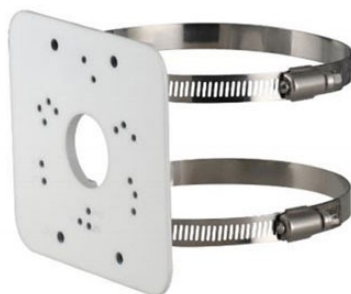| Feature | Specification |
|---------|---------------|
| Image Sensor | 1/2.8" 2MP Progressive scan CMOS (0.9071 centimeters) |
| Minimum Illumination | 0.0015 Lux@F1.3 |
| Shutter Speed | Auto/Manual, 1/3 s–1/100000 s |
| White Balance | Auto/Natural/Street Lamp/Outdoor/Manual |
| Lens | 7mm ~35mm |
| Close Focus Distance | 0.3 m–2.0 m |
| Aperture Type | Auto (HALL) |
| Mount Type | Board-in |
| Max. Aperture | F1.3( Constant F1.3 throughout the zoom range) |
| Lens Type | Motorized |
| DORI Distance | W- 131m (Detect) 52m (Observe) 26m (Recognize) 13m (Identify) <br> T- 428m(Detect) 171m (Observe) 86m (Recognize) 43m (Identify) |
| Gain Control (AGC) | Auto/Manual |
| Video Compression | Instastream, Smart H.264+, H.265, H.264, H.264B, H.264H, MJPEG <br> (only supported by sub stream) |
| S/N Ratio | > 56dB |
| Back Light Compensation | BLC/ HLC/ WDR(120dB) |
| Angle of View | H: 33°–10°, V: 19°–5° |
| Video Streaming | Main Stream: 1080P (1 fps–25/30 fps)  ; Sub Stream: D1 (1 fps–25/30 fps) ; <br> Third Stream: 1080P (1 fps–6 fps) |
| Resolution | 1080P (1920 × 1080)/1.3MP (1280 × 960)/720P (1280 × 720)/D1 (704 × 576/704 × 480)/VGA (640 × 480)/CIF (352 × 288/352 × 240) |
| Motion detection | Off/On (4 Zone, Rectangle) |
| Privacy Mask | Off/On (4 Area, Rectangle) |
| ICR | Auto (ICR)/Color/B/W |
| Mirror | Off/On |

| Feature | Specification |
|---|---|
| ROI | Off/On (4 Zone) |
| Audio Input | 1 Channel |
| Audio Compression | G.711a, G.711Mu, AAC, G.726, G.723 |
| Audio Output | 1 Channel |
| Alarm IN | 2 channel In: 5mA 5V DC |
| Alarm Out | 1 channel Out: 300mA 12V DC |
| Protocol | IPv4; IPv6; HTTP; HTTPS; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; 802.1x; SNMP; ONVIF (Profile S/Profile G/Profile T), CGI, Milestone, Genetec, InstaOn |
| Smart Detection | Object Abandoned/Missing, Heat Map |
| Ethernet | RJ-45 (10/100Base-T) |
| Face Detection | Face detection; track; optimization; snapshot; report high quality picture; face enhancement; face exposure; face attribute extract, 6 attributes and 8 expressions: Gender, age, glasses, expressions (anger, calm, happiness, sadness, disgust, surprise, confusion and fear), mask, beard; face matting setting: face, single inch photo; three snapshot methods: real-time snapshot, optimization snapshot, quality priority; face angle filter; optimization time setting |
| Event Trigger | Motion detection, Video tampering , Scene changing, Network disconnection , IP address conflict, Illegal Access, Storage anomaly |
| Alarm Event | No SD card; SD card full; SD card error; network disconnection; IP conflict; illegal access; motion detection; video tampering; Defocus Detection; scene changing; intrusion; tripwire; abandoned object; missing object; fast moving; parking detection; loitering detection; people gathering; audio detection; people counting; face detection; voltage detection; People counting in area; Stay alarm; People No. exception detection; Queue Management |
| Perimeter Protection | Tripwire; intrusion; fast moving (the three functions support the classification and accurate detection of vehicle and human); loitering detection; people gathering; parking detection |
| People Counting | Support the counting of enter number, leave number, and pass number, and displaying and outputting yearly/monthly/daily reports. Support the counting of number in area, and 4 rules configuration. Count number of people or stay time and link alarm. Support queue management, and 4 rules configuration. Count number of people or stay time and link alarm. |
| SDK and API | Yes |
| User Account | 20 Users |
| IR | IR Range of 120 Mtr., Smart IR |
| No of IR LEDs | 4 |

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| Feature | Specification |
| --- | --- |
| Smart Phone | iPhone, iPad, Android Phone |
| Micro SD | NAS; FTP; SFTP; Micro SD card 256GB |
| Operating Temperature | -30°C~+60°C, Less than 95% RH |
| Power Source | DC 12V (±30%), PoE (802.3af), ePoE |
| Power Consumption | <10.3W |
| Weatherproof Standard | IP67 & IK10 |
| Casing | Metal, plastic |
| Dimension | 273.2 mm × 95.0 mm × 95.0 mm |
| Weight | 1.11kg |

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## Dimensions (mm/inch)

273.2 [10.76"]
174.7 [6.88"]
100.0 [3.94"]

95.0 [3.74"]
88.9 [3.5"]
79.7 [3.14"]
95.0 [3.74"]

## Accessories : Optional

CP-UA-B2P

Pole Mount

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