

CP-UNC-DA21PL3-V2

2MP Full HD IR Network Dome Camera - 30Mtr.

- 1/2.8" 2MP PS CMOS Image Sensor (0.9071cm)
- Max. 2MP (1920 × 1080) @25/30fps
- Instastream and Smart H.264+ dual-stream encoding
- DWDR, Day/Night (ICR), 3D-DNR, ROI, AWB, AGC, BLC, HLC
- 3.6mm fixed lens (2.8mm Optional)
- IR Range of 30 Mtrs, IP67, PoE
- Mobile Software: iCMOB, gCMOB
- CMS Software: KVMS 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.

Functions

Power over Ethernet

This product uses the latest PoE technology to troubleshoot the occurrence of any issues in the system making it easier to use. With the help of this technology, your camera now only consumes energy directly from the power supply and doesn't require any mid-way switches.



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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.

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.

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 (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.

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.

KVMS Pro

The KVMS Pro is a hybrid security management software that allows the management of various surveillance devices such as cameras, DVRs/ NVRs, encoders/ decoders, etc. It is released with the surveillance hardware and exclusively supports CP PLUS devices.

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.



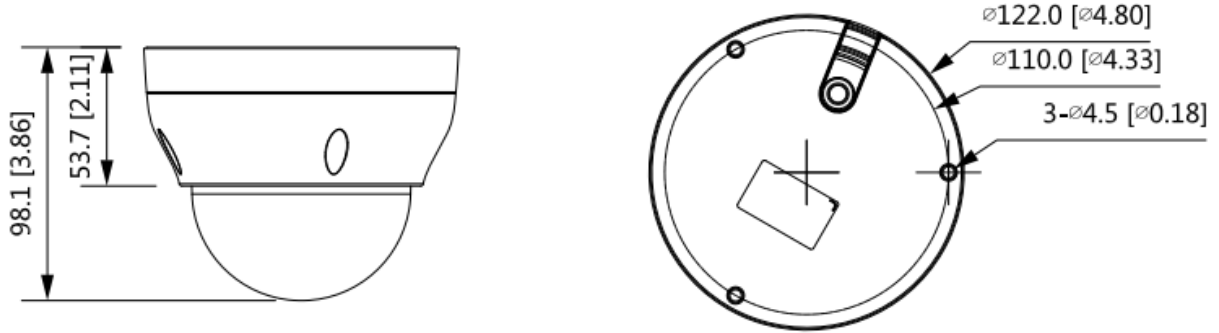
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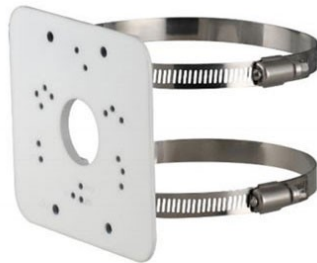
| Feature | Specification |
|-------------------------|---|
| Image Sensor | 1/2.8" 2MP Progressive scan CMOS (0.9071cm) |
| Minimum Illumination | 0.01 Lux @F2.0 |
| Effective Pixels | 1920(H) x 1080(V) |
| Shutter Speed | Auto/Manual, 1/3~1/100000s |
| White Balance | Auto/natural/street lamp/outdoor/manual/regional custom |
| Lens | 3.6mm (2.8mm Optional) |
| Lens Type | Fixed-focal |
| Mount Type | M12 |
| Max. Aperture | F2.0 |
| Iris Type | Fixed aperture |
| Close Focus Distance | 2.8mm- 0.5m ; 3.6mm- 0.8m |
| DORI Distance | 3.6mm– 53.3m (Detect) 21.3m (Observe) 10.7m (Recognize) 5.3m (Identify) 2.8mm– 37.3m (Detect) 14.9m (Observe) 7.5m (Recognize) 3.7m (Identify) |
| Gain Control (AGC) | Auto/Manual |
| Video Compression | Instastream/H.265/Smart H.264+/H.264/ H.264B/ MJPEG (only supported by the sub stream) |
| Angle of View | 3.6 mm: Horizontal: 84°; Vertical: 45°; Diagonal: 100° 2.8 mm: Horizontal: 102°; Vertical: 54°; Diagonal: 120° |
| Back Light Compensation | BLC / HLC / DWDR |
| S/N Ratio | >56dB |
| Video Streaming | Main Stream: 1920 × 1080 (1 fps–25/30 fps) Sub stream: 704 × 576 (1 fps–25 fps) 704 × 480 (1 fps–30 fps) |
| Resolution | 1080P (1920 × 1080); 1.3M(1280 × 960);720p (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 × 480); CIF (352 × 288/352 × 240) |
| Mirror | Yes |
| Motion detection | Off / On (4 area, Rectangle) |
| Privacy Mask | 4 Area |

| Feature | Specification |
|-----------------------|--|
| ICR | Auto (ICR)/Color/B/W |
| ROI | Yes (4 areas) |
| Noise Reduction | 3D-NR |
| Video Bit Rate | H.264: 32 kbps–6144 kbps H.265: 12 kbps–6400 kbps |
| Bit Rate | CBR/VBR |
| Protocol | IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; SMTP; FTP; DHCP; DNS; NTP; Multicast; ONVIF (Profile S/Profile T); CGI; InstaOn; Genetec |
| SDK & API | Yes |
| Cyber Security | Video encryption; configuration encryption; Digest; WSSE; account lockout; security logs; generation and importing of X.509 certification; HTTPS; trusted boot; trusted execution; trusted upgrade |
| Ethernet | RJ-45 (10/100Base-T) |
| Event Trigger | Network disconnection; IP conflict; illegal access; motion detection; video tampering; safety exception |
| Edge Storage | FTP |
| Image Rotation | 0°/90°/180°/270° (Support 90°/270° with 1080p resolution and lower) |
| User/ Host | 6 (Total bandwidth: 36 M) |
| Smart Phone | iPhone, iPad, Android Phone |
| IR | IR Range of 30 Mtr., Smart IR |
| No of IR LEDs | 1 (IR LEDs) |
| Browser | IE, Chrome, Firefox |
| Operating Temperature | -40°C~+60°C (-40°F to +140°F), Less than 95%RH |
| Power Source | DC12V,PoE (802.3af) |
| Power Consumption | Basic power consumption: 1.6W (12V DC); 2.4W (PoE) Max. power consumption (ICR + H.265 + IR intensity): 3.9W (12V DC); 4.7W (PoE) |
| Weatherproof Standard | IP67 |
| Casing | Plastic |
| Dimension | 98.1 mm × Φ122 mm (3.9" × Φ4.8") |
| Weight | 0.34kg |

Dimensions (mm/inch)



Accessories : Optional



CP-UA-B2P
Pole Mount



CP-UA-B06DW
Wall Mount