CP-UNC-DB21L3C-M-V4

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

- 1/2.7" 2Megapixel PS CMOS Image Sensor (0.9407 centimeters)
- Max. 2MP(1920×1080)@25/30fps
- Instastream and 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, Micro SD Card, PoE
- Support Built-in Mic
- Support Starlight Technology
- Mobile Software: iCMOB, gCMOB
- CMS Software: KVMS Pro

1/2.7" CMOS	2MP 1080P	Digital WDR	IP67	AGC	Automatic White Balance	Backlight Compensation
CMOS	1080P	D-WDR	IP67	Auto Gain Control	Automatic White Balance	Backlight Compensation

System Overview

This Series has gathered a lot of fame over the years for its eminent capabilities on top of its artful appearance which lets it mix in any background. This series entails a wide range of easily-mountable solutions that have been crafted with the IR Megapixel technology that delivers resolutions varying from 2MP to 8MP depending on your choice of products. This Series comes with a varifocal lens/motorized/fixed lens and is absolutely pocket-friendly, which makes it the best choice for a number of small and mid-size places.

Functions

Starlight Technology

This camera is widely used to provide sharper and clearer picture quality with the help of its exceptional starlight sensitivity as the camera improves night vision in low light conditions. This technology is useful in conditions with extremely low light as the starlight technology turns almost completely dark images into those of clear colors.

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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.

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.

OTA (Over the Air) Upgrade - Online Upgrade

OTA update is the online, wireless upgrade function to enable devices to download patches/new updates with a simple click to upgrade internet-connected devices with the latest version. This function helps users to upgrade devices from anywhere and saves the time of moving to the site physically for the upgrade, making the whole process easier for everyone involved.

Health Monitoring System (HMS)

The Health Monitoring System by CP PLUS provides a real-time health status of your surveillance devices as it enables instant reporting of live incidents and reduces system downtime since issues are detected and rectified at the onset and provides daily system support as well as live status web page view.

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.
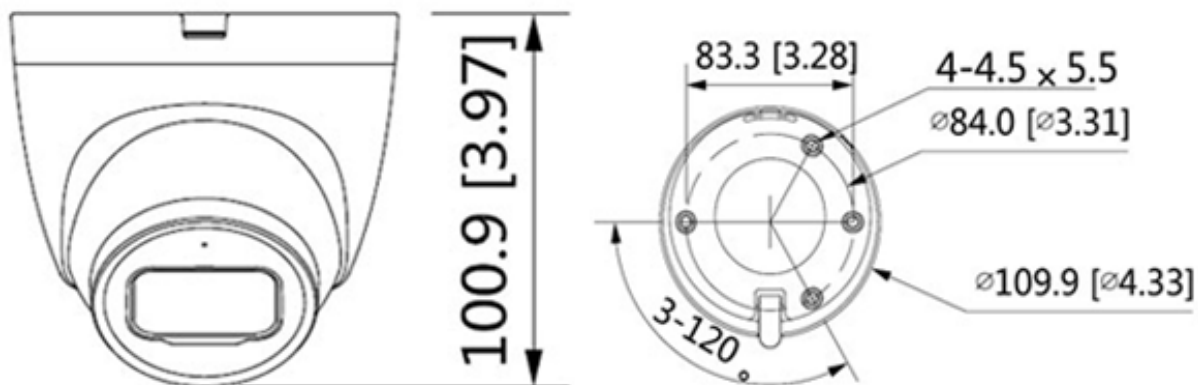
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Feature	Specification
Image Sensor	1/2.7" 2Megapixel PS CMOS Image Sensor (0.9407 centimeters)
Minimum Illumination	0.005 Lux @ F1.6
Effective Pixels	1920 (H) ×1080 (V)
Shutter Speed	Auto/Manual, 1/3~1/100000s
S/N Ratio	>56dB
RAM & ROM	128MB & 128MB
White Balance	Auto/natural/street lamp/outdoor/manual/regional custom
DORI Distance	2.8mm– 37.3m (Detect) 14.9m (Observe) 7.5m (Recognize) 3.7m (Identify) 3.6mm– 53.3m (Detect) 21.3m (Observe) 10.7m (Recognize) 5.3m (Identify)
Close Focus Distance	2.8 mm: 0.6 m ; 3.6 mm: 1.1 m
Mount Type	M12
Lens	3.6mm (2.8mm Optional)
Iris Type	Fixed
Max. Aperture	F1.6
Lens Type	Fixed-focal
Gain Control (AGC)	Auto/Manual
Video Compression	H.265/H.264+/H.264/H.264B/ MJPEG (only supported by sub stream)
Encode Strategy	Instastream
Back Light Compensation	BLC / HLC / DWDR
Angle of View	2.8mm: Horizontal 110.0° × Vertical 59.0° × Diagonal 132.0° 3.6mm: Horizontal 91.0° × Vertical 48.0° × Diagonal 109.0°
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)

Feature	Specification
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	Disable/Enable (4 areas, rectangle)
Privacy Mask	4 areas
ICR	Auto (ICR)/Color/B/W
ROI	Yes (4 areas)
Audio Compression	G.711A; G.711Mu; G.726
Audio	Built-in Mic
Bit Rate	H.264: 32 kbps–6144 kbps H.265: 12 kbps–6144 kbps
SDK and API	Yes
Cyber Security	Video encryption; firmware encryption; configuration encryption; Digest; WSSE; account lock-out; security logs; IP/MAC filtering; generation and importing of X.509 certification; syslog; HTTPS; 802.1x; trusted boot; trusted execution; trusted upgrade
Protocol	IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP ; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; Bonjour ; ONVIF (Profile S/Profile G/Profile T); CGI; InstaOn; Milestone; Genetec
Smart Detection	Tripwire; intrusion
Alarm Event	No SD card; SD card full; SD card error; network disconnection; IP conflict; motion detection; video tampering; tripwire; intrusion; illegal access; voltage detection; audio detection; safety exception
Ethernet	RJ-45 (10/100Base-T)
Mirror	Yes
OTA (Online Device Upgrade)	Support
Cloud Health Monitoring System (HMS)	Support
User/Host	20
Smart Phone	iPhone, iPad, Android Phone

Feature	Specification
IR	IR Range of 30 Mtr., Smart IR
No. of IR LEDs	2 (IR LEDs)
Micro SD	FTP, Micro SD card 256GB, NAS, SFTP
Browser	IE, Google Chrome, Firefox
Operating Temperature	-40° C ~ +60° C (-40° F ~ +140° F) / Less than 95% RH
Storage Temperature	-40°C to +60°C (-40°F to +140°F)
Power Source	12V DC/PoE (802.3af)
Power Consumption	Basic power consumption: 1.7W (12V DC), 2.1W (PoE) Max power consumption (H.265, Max resolution, Max stream, WDR, IR full intensity, IVS): 5.1W (12V DC), 5.9W (PoE)
Weatherproof Standard	IP67
Dimension	100.9 mm × Φ109.9 mm (4.0" × Φ4.3")
Casing	Metal + plastic
Weight	0.39 kg

Dimensions (mm/inch)

83.3 [3.28]
4-4.5 x 5.5
⌀84.0 [⌀3.31]
100.9 [3.97]
⌀109.9 [⌀4.33]
3-120

Accessories : Optional

CP-UA-B06DW

Wall Mount

CP-UA-B2P

Pole Mount

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