

CP-UNC-DB41L3C-MD

4MP WDR Network IR Dome Camera - 30Mtr.

- 1/3" 4Megapixel PS CMOS Image Sensor
- Max. 4MP(2560×1440)@25/30fps
- H.265+ and H.264+ Dual-stream encoding
- WDR(120dB), Day/Night (ICR), 3D-DNR, ROI, AWB, AGC, BLC, HLC
- 2.8mm Fixed Lens (3.6mm Optional)
- IR Range of 30 Mtrs, IP67, Micro SD Card, PoE
- Built-in Mic
- Support Starlight Technology
- Mobile Software: iCMOB, gCMOB
- CMS Software: KVMS Pro



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

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.



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Feature	Specification
Image Sensor	1/3" 4Megapixel progressive scan CMOS
Minimum Illumination	0.008 Lux@F1.6
Effective Pixels	2688 (H) ×1520 (V)
Shutter Speed	Auto/Manual, 1/3~1/100000s
White Balance	Auto/natural/street lamp/outdoor/manual/regional custom
DORI Distance	2.8mm– 56.0m (Detect) 22.4m (Observe) 11.2m (Recognize) 5.6m (Identify) 3.6mm– 80.0m (Detect) 32.0m (Observe) 16.0m (Recognize) 8.0m (Identify)
Close Focus Distance	2.8 mm: 0.9 m ; 3.6 mm: 1.6 m
Mount Type	M12
Lens	2.8mm (3.6mm Optional)
Iris Type	Fixed
Max. Aperture	F1.6
Lens Type	Fixed
Gain Control (AGC)	Auto/Manual
Video Compression	H.265+/H.265/H.264+/H.264/H.264H; H.264B; MJPEG (only supported by sub stream)
Back Light Compensation	BLC / HLC / WDR(120dB)
Angle of View	2.8 mm: Horizontal 102.0° × Vertical 55.0° × Diagonal 121.0° 3.6 mm: Horizontal 84.0° × Vertical 45.0° × Diagonal 100.0°
Video Streaming	Main Stream: 2688 × 1520 (1 fps-20 fps) 2560 × 1440 (1 fps-25/30 fps) Sub Stream: 704 × 576 (1 fps-25 fps) ;704 × 480 (1 fps-30 fps)
Resolution	2688 × 1520 (2688 × 1520); 2560 × 1440 (2560 × 1440); 2304 × 1296 (2304 × 1296); 1080P (1920 × 1080); 1.3M (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

Feature	Specification
ROI	Yes (4 areas)
Audio Compression	G.711a; G.711Mu; G726; AAC
Audio	Built-in Mic
Bit Rate	H.264: 32 kbps–6144 kbps H.265: 12 kbps–6144 kbps
SDK and API	Yes
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; P2P; Milestone; Genetec
Smart Detection	Tripwire; intrusion
Alarm Event	No SD card; SD card full; SD card error; network disconnection; IP conflict; illegal access; motion detection; video tampering; tripwire; intrusion; voltage detection; security exception
Ethernet	RJ-45 (10/100Base-T)
Event Trigger	Motion detection, video tampering, no SD card, SD card full, SD card error, network disconnected, IP conflict, illegal access, voltage detection)
User Account	20 Users
Smart Phone	iPhone, iPad, Android Phone
IR	IR Range of 30 Mtr., Smart IR
Browser	IE, Google Chrome, Firefox
Micro SD	FTP, Micro SD card 256GB, NAS, SFTP
No. of IR LEDs	2 (IR LEDs)
Mirror	Yes
Operating Temperature	-40° C ~ +60° C (-40° F ~ +140° F) / Less than 95% RH
Power Source	12V DC/PoE (802.3af)
Power Consumption	2.1W (12V DC), 2.5W (PoE)
Weatherproof Standard	IP67
Dimension	100.9 mm × Φ109.9 mm (3.97" × Φ4.33")
Casing	Metal
Weight	0.39 kg

