

# CP-UNC-WC21L3C-MD

2 MP Full HD WDR IR Camera - 30Mtr.

- 1/2.8" 2Megapixel PS CMOS Image Sensor
- 25/30fps@1080P(1920×1080)
- H.265 and H.264 dual-stream encoding
- WDR(120dB), Day/Night (ICR), 3D-DNR, ROI, AWB, AGC, BLC
- Support Built-in Mic
- Support Starlight Technology
- 2.8mm fixed lens (3.6mm, 6mm optional)
- IR Range of 30 Mtrs, IP67, IK10, Micro SD Card, PoE
- Mobile Software: iCMOB, gCMOB
- CMS Software: KVMS Pro



## System Overview

This mobile camera is specially designed for trains, buses and other vehicles. Due to its high-specification design, the mobile camera meets the requirements of vehicle standards such as EN50155, E-MARK(ECE-Regulation No.10), making the camera able to withstand the tough conditions like vibrations, shocks and wide range temperature fluctuations.

## 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.

##### 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.

##### 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.

##### IK10 Technology

This product has been inculcated with the IK10 vandal resistance technology which is the topmost mechanical protection in the surveillance industry. This technology enables your camera in developing a strong and robust appearance that can't be defeated by water, dust or even severe shocks as the powerful housing of this camera deters any damage from occurring.

##### 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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## 2 MP Full HD WDR IR Camera - 30Mtr.

| Feature                 | Specification  |
|-------------------------|--|
| Image Sensor            | 1/2.8" 2Megapixel progressive scan CMOS  |
| Minimum Illumination    | 0.001Lux/F2.1 ( Color,1/3s,30IRE) 0.03Lux/F2.1 ( Color,1/30s,30IRE) 0Lux/F2.1 (IR on)  |
| Effective Pixels        | 1920(H)x1080(V)  |
| Shutter Speed           | Auto/Manual, 1/3~1/100000s   |
| White Balance           | Auto/Manual  |
| Lens                    | 2.8mm (3.6mm, 6mm optional)  |
| Gain Control (AGC)      | Auto/Manual  |
| Max. Aperture           | F2.1(F2.2, F2.1)   |
| Mount Type              | Board-in   |
| Close Focus Distance    | 0.6m (0.9m, 2m)  |
| DORI Distance           | 2.8mm: 44m(Detect) 18m(Observe) 9m(Recognize) 4m(Identify)<br>3.6mm: 55m(Detect) 22m(Observe) 11m(Recognize) 5.5m(Identify)<br>6mm: 83m(Detect) 33m(Observe) 17m(Recognize) 8m(Identify) |
| Video Compression       | H.265+/H.265/H.264+/H.264H/MJPEG (Sub Stream)  |
| Angle of View           | H: 110 ° (89.5°, 52.8°) , V: 58 ° (50°, 30°)   |
| S/N Ratio               | More than 50dB   |
| Back Light Compensation | BLC / HLC / WDR(120dB)   |
| Video Streaming         | Main Stream: 1080P(1~25/30fps) Sub Stream: D1 (1 ~ 25/30fps)   |
| Resolution              | 1080P(1920x1080)/ 1.3M(1280x960)/ 720P(1280x720)/ D1(704x576/704x480)/<br>VGA(640x480)/CIF(352x288/352x240)  |
| Digital Zoom            | 16x  |
| Motion detection        | Off / On (4 Zone, Rectangle)   |
| Privacy Mask            | Off / On (4 Area, Rectangle)   |
| ICR                     | Auto (ICR)/Color/B/W   |
| ROI                     | Off / On (4 Zone)  |
| Audio Compression       | G.711a/G.711Mu/AAC   |
| Audio                   | Built-in Mic   |

| Feature               | Specification   |
|-----------------------|---|
| Noise Reduction       | 3D-DNR  |
| Mirror                | Off / On  |
| Bit Rate              | H.264H:16Kbps ~ 10240Kbps, H.6Kbps~ 7424Kbps  |
| Protocol              | HTTP; HTTPS; TCP; ARP; RTSP; RTP; UDP; RTCP; SMTP; FTP; DHCP; DNS; DDNS; PPPOE; IPv4/v6; QoS; UPnP; NTP; Bonjour; IEEE 802.1x; Multicast; ICMP; IGMP; SNMP; TLS, ONVIF Profile S&G, API |
| Smart Detection       | Tripwire, Intrusion, Object Abandoned/Missing   |
| Ethernet              | RJ-45 (10/100Base-T)  |
| Event Trigger         | Motion detection, Video tampering, Scene changing, Network disconnection, IP address conflict, Illegal access, Storage anomaly  |
| User Account          | 20 Users  |
| Smart Phone           | iPhone, iPad, Android   |
| IR                    | IR Range of 30 Mtr.   |
| Micro SD              | Micro SD card 128GB   |
| Operating Temperature | -30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH   |
| Power Source          | DC12V, PoE (IEEE 802.3af)   |
| Power Consumption     | DC 12V: 2.6W 3.7W(IR on) PoE: 3.5W 5W(IR on)  |
| Weatherproof Standard | IP67 & IK10   |
| Casing                | Metal   |
| Dimension             | Φ106mm x 50.3mm (4.17"×1.98")   |
| Weight                | 0.33kg  |

Dimensions (mm/inch)

