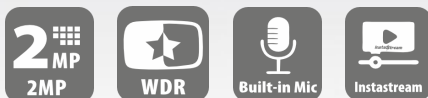


CP-UNC-BE21C-VMDS-Q

2MP Full HD WDR Network Box Camera



- 1/2.9" 2MP PS CMOS Image Sensor (0.8758 centimeter)
- Max. 2MP (1920 x 1080)@1-25/30fps
- C/CS Mount Lens
- Instastream, H.265, H.264, H.264B, H.264H, MJPEG
- Support Quad Stream
- WDR(120dB), Day/Night (ICR) , 3D NR, Defog, ROI, EIS, AWB, AGC, BLC, HLC
- 2/1 Alarm in/out, 1/1 audio in/out
- Support Micro SD Card, Built-in Mic, PoE



System Overview

This Series has been enhanced with smart play technology using the latest high-efficiency video coding technology to the next level for better results and making it H.265. It brings to you a chance to save on bandwidth and storage. Smart analytical support present in this Series lets you increase the proficiency and effectiveness of your security solution manifolds along with the starlight technology and smart infrared technology.

MTBF

Secure Boot : With an impressive Mean Time Between Failures (MTBF) of over 100,000 hours, this camera delivers exceptional durability with its ability to perform seamlessly in demanding environments. Constructed with industrial-grade components, it is engineered to withstand the rigors of continuous operation, making it a perfect fit for critical applications such as 24/7 surveillance and public safety monitoring.



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CTC Technology:

CP PLUS Trusted Core Technology is a multi-layered security architecture that brings together the best of cyber security practices and technological intelligence. It is not just an enhancement; it is a complete redefinition of how surveillance should function in today's digital landscape - more intelligent, more secure, and more reliable than ever before.

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.

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.

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.



CP-UNC-BE21C-VMDS-Q

2MP Full HD WDR Network Box Camera

Feature	Specification
Image Sensor	1/2.9" 2MP PS CMOS Image Sensor (0.8758 centimeter)
Minimum Illumination	Colour Mode 0.0021 Lux @F1.6, Night Mode (Black & White) 0.00021Lux @F1.6
Effective Pixels	1920 (H) × 1080 (V)
Electronic Shutter	Auto/Manual, 1/3 s–1/100000 s
RAM	512 MB
ROM	128 MB
White Balance	Auto, Natural, Street Lamp, Outdoor, Manual, Custom area
Lens Mount	C/CS
Gain Control(AGC)	Auto
Back Light Compensation	BLC/ HLC/ WDR(120dB)
Day/Night	Auto(ICR)/ Color/ B/W
Image Rotation	0°/90°/180°/270°
S/N Ratio	> 56dB
Video Format	PAL/NTSC
Video Compression	Instastream, H.265, H.264, H.264B, H.264H, MJPEG (only supported by sub stream)
Bit Rate Control	CBR/VBR
Bit Rate	H.265: 3 kbps–8192 kbps, H.264: 3 kbps–8192 kbps
Noise Reduction	3D NR
Motion detection	OFF/ON (4 Areas, Rectangular)
Privacy Mask	Off/On (4 Area)
Audio	Built in Mic
Audio Input	1 Channel
Audio Output	1 Channel
Alarm IN	2 Channels in: Wet contact, 5 mA 3–5 VDC
Alarm Out	2 Channels out: Dry contact, 1,000 mA 30 VDC/500 mA 50 VAC

Feature	Specification
Overlay	Privacy Masking, Channel Title, Time Title, Location, Custom Title, Face Statistics
Protocol	IPv4, IPv6, HTTP, HTTPS, TCP, UDP, RTP, RTSP, RTCP, RTMP, SMTP V3, SFTP, DHCP, DNS, DDNS, QoS, UPnP, NTP, Multicast, ICMP, IGMP, NAS, PPPoE, SNMP, Auto Connect, TLS v1.2 and v1.3, ONVIF (Profile S, Profile G, Profile T)
IVS (Perimeter Protection)	Intrusion, Tripwire, Abandon Object, Crowd gathering, Missing Object, Loitering Detection, IMD (support the classification and accurate detection of vehicle and human); loitering detection
People Counting	Tripwire people counting, generating and exporting report (day/week/month/year), People counting in area and queue management, generating and exporting report (day/week/month), 4 rules can be set for tripwire, People counting in area and queue management.
Face Detection	Face detection, Target Box Overlay, Remove Duplicate, Face Cutout(Face/ One Inch Photo/ Custom) , Snapshot Mode(Real- Time/ Optimized/ Quality Priority), Optimal face snapshot upload; face attributes extraction including 6 attributes and 8 expressions; snapshot strategies (real-time snapshot, quality priority and optimization snapshot); face angle filter; Optimized Duration, Quality Threshold, Snapshot Sensitivity
Audio Compression	PCM, G.711a, G.711Mu, G.726, AAC
Ethernet	RJ-45 (10/100Base-T)
Resolution	2MP(1920 × 1080) / 1.3M (1280 × 960) / 1MP(1280 × 720) / D1 (704 × 576 / 704 × 480) / VGA (640 × 480) / CIF (352 × 288 / 352 × 240)
Event Alarm	No SD card, SD card full, SD card error, Network disconnection, IP conflict, Motion detection, video tampering, Tripwire, Intrusion, Abandoned object, Missing object, Loitering detection, Crowd gathering, Scene changing, Audio detection, Voltage detection, External alarm, Face detection, IMD, People counting in area, Stay detection, People counting, Abnormal Number of People, Queue people number alarm, Queue time alarm, Security exception, Defocus detection
Cyber Security	AES 256-bit Encryption, Configuration encryption, trusted execution, Digest, Security logs, WSSE, Account lockout, Syslog, Video encryption, 802.1x, Allow list/Block list, HTTPS, Trusted upgrade, Trusted boot, Firmware encryption
User/Host	20 (Total bandwidth: 80 M)
Browser	Microsoft Edge and Chrome
Mirror Function	Off/On
Stream Capability	Quad Stream
Frame Rate	Main stream: 1080p@(1-25/30 fps), 1.3M@(1-25/30 fps), 720p@(1-25/30 fps) Sub stream 1: D1@(1-25/30 fps), VGA@(1-25/30 fps), CIF@(1-25/30 fps) Sub stream 2: 1080p@(1-25/30 fps), 1.3M@(1-25/30 fps), 720p@(1-25/30 fps), D1@(1-25/30 fps) Sub stream 3: D1@(1-25/30 fps), VGA@(1-25/30 fps), CIF@(1-25/30 fps)
Defog	Support

Feature	Specification
Storage	SFTP, NAS, Micro SD card (support max. 512 GB)
Hardware Reset Point	Support
Certificates	MTBF Certificate from STQC, ISO9001, CE, FCC and RoHS, BIS, STQC approved compliance report
Power Source	DC 12V ($\pm 30\%$), AC 24V ($\pm 30\%$), PoE (802.3af)
Power Out	12 VDC power output, max. current 165 mA, peak current 700 mA
Power Consumption	<10W
Operating Temperature	-30° C to +60° C
Operating Humidity	$\leq 95\%$ RH, Non condensing
Storage Temperature	-40° C to +60° C
Casing	Metal
Dimension	161.6mm $\times$ 86.8mm $\times$ 74.0mm
Weight	80g

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