CP-UNP-D2521L10-DN

2MP Full HD Network IR PTZ Camera– 100 Mtr.

- 1/2.8" 2MP CMOS Image sensor (0.9071 centimeters)
- Max. 25/30fps@1080P
- Powerful 25x Optical
- WDR(120dB), 3D-DNR, Day/Night (ICR), ROI, Defog, AWB, BLC, HLC
- Support Starlight Function
- Up to 300 presets, 5 auto scan, 8 tour, 5 pattern
- IR Range of 100 Mtr.
- Support Face Detection, SMD Plus
- Max 200° /s pan speed, 360° endless pan rotation
- Built-in 2/1 alarm in/out, IP66, Support PoE+
- Mobile Software: iCMOB, gCMOB
- CMS Software: KVMS Pro

| 2MP 1080P | ZOOM 25x | WDR Wide Dynamic Range | IP66 | AGC Auto Gain Control | Automatic White Balance | Backlight Compensation |

System Overview

This Series has been developed mainly to present the PTZ cameras that have been designed to submerge into the surface and keep a secret eye on the scene. The Lite Series obeys the notion of stealth surveillance, while at the same time, expanding the image quality through using the wide dynamic range technology, which provides a balanced lighting and clears distortions.

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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 CP PLUS

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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.

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.

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.

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; 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.
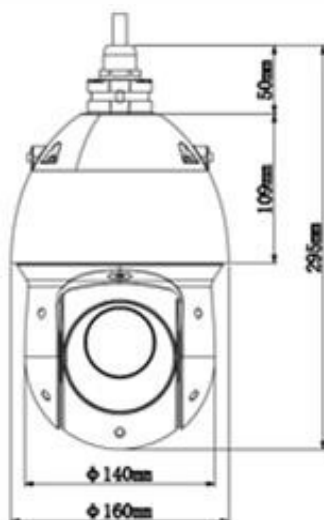
CP PLUS

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Feature	Specification
Image Sensor	1/2.8" 2MP PS CMOS (0.9071 centimeters)
Effective Pixels	1920(H) x 1080(V)
S/N Ratio	≥55dB
Minimum Illumination	Color: 0.005 lux@F1.6 B/W: 0.0005 lux@F1.6 0 lux@F1.6 (IR light on)
RAM/ROM	512MB/ 256MB
Electronic Shutter Speed	1/1s~1/30,000s
Focal Length	4.8mm~120mm
Max. Aperture	F1.6–F3.8
Iris Control	Auto
Focus Control	Auto; Semi-auto; Manual
White Balance	Auto; indoor; outdoor; tracking; manual; sodium lamp; natural light; street lamp
Close Focus Distance	1.5 m
Resolution	1080P (1920 × 1080); 1.3MP (1280 × 960); 720P (1280 × 720); D1 (704 × 576/704 × 480); CIF (352 × 288/352 × 240)
DORI Distance	2400m(Detect) 948m (Observe) 480m (Recognize) 240m (Identify)
Angle of View	H: 56.2°–2.6°; V: 32.5°–1.5°; D: 63.2°–3°
AGC control	Auto / Manual
Back Light Compensation	BLC / HLC / WDR(120dB)
Optical Zoom	25x
Digital Zoom	N/A
Pan Travel	0°~360° endless, Pan Speed: 0.1° ~ 200°/sec
Tilt Travel	-15° ~ +90° auto flip 180°, Tilt Speed: 0.1° ~100°/sec
Manual Speed	Pan: 0.1° ~200° /s; Tilt: 0.1° ~100° /s
Presets	300
Preset Speed	Pan: 200° /s; Tilt: 100° /s

Feature	Specification
Privacy Masking	Up to 24 areas can be set, with up to 8 areas in the same view
Special Features	IR Range upto 100m, Electronic Defog, 5 Pattern, 8 Tour (up to 32 presets per tour), 5 Auto Scan
Bit Rate Control	CBR; VBR
Power-off Memory	Yes
Video Bit Rate	H.264: 32 Kbps–8192 Kbps; H.265: 32 Kbps–8192 Kbps
Idle Motion	Preset; Tour; Pattern; Scan
Day/Night: IR Cut Filter	Auto (ICR) / Color / B/W
Video Compression	H.265; Smart H.264+; H.264B; H.264M; H.264H; MJPEG (Sub Stream)
Encode Strategy	Instastream
Video Streaming	Main stream: 1080P/1.3MP/720P (25/30fps) Sub stream 1: D1/CIF (1–25/30fps) Sub stream 2: 720P (1–25/30fps)
Audio Compression	N/A
Audio Streaming	N/A
Motion Detection	Support
Noise Reduction	DNR (2D/3D)
ROI	Support
Networking	1 RJ-45 Port 10/100Base-T
IVS	Tripwire and intrusion. Support alarm triggering by target types (human and vehicle). Support filtering false alarms caused by animals, rustling leaves, bright lights, etc.
Face Detection	Support
SMD	Support
Protocols	HTTP; HTTPS; IPv4; RTSP; UDP; SMTP; NTP; DHCP; DNS; DDNS; IPv6; 802.1x; QoS; FTP; UPnP; ICMP; SNMP; SNMP v1/v2c/v3 (MIB-2); IGMP; ARP; RTCP; RTP; PPPoE; RTMP; TCP, ONVIF Profile S & G & T, CGI
Alarm	2/1 channel In/Out
Alarm Linkage	Capture; preset; tour; pattern; recordings on SD card; alarm digital input; sending email
Alarm Event	Motion/tampering detection; network disconnection detection; Security Exception; IP conflict detection; memory card state detection; memory space detection

Feature	Specification
OTA (Online Device Upgrade)	Support
Cloud Health Monitoring System (HMS)	Support
User/Host	20 (total bandwidth: 64 M)
Operating Temperature	-40 °C to +65 °C (–40 °F to +149 °F), ≤ 95%RH
Smart Phone	iPhone, iPad, Android Phone
Memory Slot	FTP; Micro SD card (512GB); NAS
Weather Proof Standard	IP66; TVS 6000 V lightning proof; surge protection; voltage transient protection
Dimension	295 mm × Φ160 mm (11.61" × Φ6.30")
Casing	Aluminium alloy ADC12
Power Source	12 VDC, 3 A (± 10%) PoE+ (802.3at)
Power Consumption	Basic: 12 W Max.: 21 W (illuminator + PTZ working)
Weight	2.8 kg

Dimensions (mm/inch)

Accessories : Optional

CP-UA-B05W

Wall Mount

CP-UA-B3P

Pole Mount