

CP-UNP-E2581L15-DAP

8MP WDR 25x IR Network PTZ Camera- 150 Mtr.

- 1/1.8" 8MP CMOS Image sensor (1.411 centimeters)
- Max. 25/30fps@8MP
- Powerful 25x Optical zoom and 16x Digital zoom
- WDR(120dB), 2D/3D-DNR, Day/Night (ICR), EIS, Defog, ROI, AGC, AWB, BLC, HLC
- Up to 300 Presets, 5 Auto scan, 8 Tour, 5 Pattern
- Support Starlight Technology
- IR Range of 150 Mtr.
- Max 300°/s pan speed, 360° endless pan rotation
- Deep-learning-based perimeter protection
- Built-in 2/1 alarm in/out, IP67, IK10, Micro SD Card, PoE+
- Mobile Software: iCMOB, gCMOB
- CMS Software: KVMS Pro



System Overview

Understanding the need of the hour in the security and surveillance industry, this series has been integrated with the starlight technology along with efficient and powerful deep-learning algorithms to make your life hugely easier. The numerous AI-based smart functions of this camera let you capture a face, protect the perimeter and even count people, greatly improving the accuracy of your video analysis. This camera also complies with international certification standards such as IP67 and IK10, as this camera is not just dust-proof and water-proof but also shock-proof and vandal-proof (which is given in selected models).

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.

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 down-time since issues are detected and rectified at the onset and provides daily system support as well as live status web page view.

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.

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.

Auto-Tracking

This technology enables you to control the pan/tilt/zoom actions in your camera in varying proportions to let you automatically and continuously track an object in the scener that is in motion or is moving. This function comes with the option of automatic or manual tracking depending on the condition to make it more efficient. This is done on the basis of predefined rules. Once such a rule is triggered, the camera can take over on its own and can track the defined target automatically.

Regions of Interest

Regions of Interest 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.

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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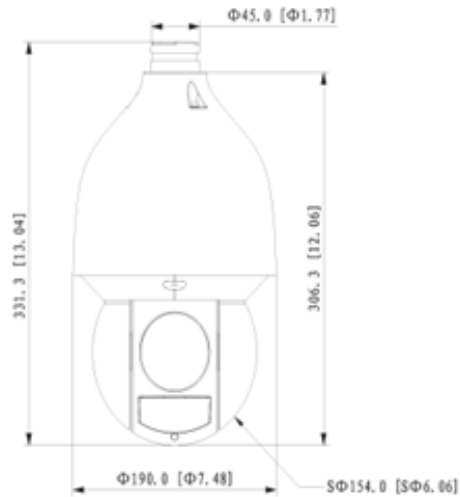
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Feature	Specification
Image Sensor	1/1.8" 8MP CMOS Image sensor (1.411 centimeters)
Effective Pixels	3840 (H) × 2160 (V)
S/N Ratio	≥56 dB
RAM & ROM	2 GB & 8 GB
Minimum Illumination	Color: 0.005 Lux@F1.6 B/W: 0.0005 Lux@F1.6 0 Lux (IR on)
Max. Aperture	F1.6–F4.0
Focal Length	5.4 mm–135 mm
White Balance	Auto/Indoor/Outdoor/Tracking/Manual/Sodium lamp/Natural light/Street lamp
Focus Control	Auto/Semi-Auto/Manual
Close Focus Distance	0.5 m–7 m
Iris Control	Auto/Manual
DORI Distance	2700m (Detect), 1066m (Observe), 540m (Recognize), 270m (Identify)
Angle of View	H: 61.6°–3.6°; V: 35.7°–2°; D: 66.6°–4°
Electronic Shutter	1/1 s–1/30,000 s
AGC control	Auto / Manual
Back Light Compensation	BLC / HLC / WDR(120dB)
Optical Zoom	25x
Digital Zoom	16x
Pan Travel	0°~360° endless, Pan Speed: 0.1° ~300° /s
Tilt Travel	-15° ~ +90°, auto flip 180°, Tilt Speed: 0.1° ~200°/sec
Manual Speed	Pan: 0.1° ~300° /s; Tilt: 0.1° ~200° /s
Presets	300
Preset Speed	Pan: 400° /s; Tilt: 300° /s
Power-off Memory	Support
Bit Rate	H.264: 32 Kbps–8192 Kbps; H.265: 32 Kbps–8192 Kbps
Special Features	Defog, Up to 300 Presets, 5 Pattern, 8 Tour (up to 32 presets per tour), 5 Auto Scan

Feature	Specification
IR Range	IR Range upto 150 Mtr.
IR Number	4 (IR Light)
Privacy Masking	Up to 24 areas, and up to 8 areas in the same view
Idle Motion	Preset/Tour/Pattern/Scanning
Day/Night: IR Cut Filter	Auto (ICR)/Color/B/W
Video Compression	H.265; H.264+; H.264; MJPEG (sub stream)
Encode Strategy	Instastream
Resolution	4K (3840 x 2160); 1080p (1920 x 1080); 1.3M (1280 x 960); 720p (1280 x 720); D1 (704 x 576); CIF (352 x 288)
Video Streaming	Main stream: 8M/1080p/1.3M/720p (1-25/30 fps) Sub stream 1: D1/CIF (1-25/30 fps) Sub stream 2: 1080p/1.3M/720p (1-25/30 fps), D1/CIF (1-25/30 fps)
Audio Compression	G.711A; G.711Mu; G.726; AAC; G.722.1; G.723; G.729; PCM; MPEG2-Layer2
Bit Rate Control	Variable/Constant
Motion Detection	Support
ROI	Support
Alarm	2/1 channel In/Out
Perimeter Protection	Tripwire and intrusion. Support alarm triggering by target types (human and vehicle). Support filtering false alarms caused by animals, rustling leaves, bright lights, etc.
Auto Tracking	Support
IVS	Object Abandoned/Missing
Event Trigger	Motion detection, video tampering, scene changing, Network disconnection, IP address conflict, illegal access, and storage anomaly.
Audio Streaming	1 (Line in; bare wire)/1 (Line out; bare wire)
Browser	IE7 and later versions Chrome 42 and earlier versions Firefox 52 and earlier versions Safari
Protocols	IPv4; IPv6; HTTP; HTTPS; 802.1x; Qos; FTP; SMTP; UPnP; SNMPv1/v2c/v3 (MIB-2); DNS; DDNS; NTP; RTSP; RTP; TCP; UDP; IGMP; ICMP; DHCP; PPPoE; ARP; RTCP; ONVIF Profile S&G&T; CGI
User/ Host	20 (total bandwidth 64M)

Feature	Specification
OTA (Online Device Upgrade)	Support
Cloud Health Monitoring System (HMS)	Support
Networking	RJ-45 (10/100Base-T)
Operating Temperature	-40°C ~ +70°C (-40°F to 158°F)
Operating Humidity	≤95%
Smart Phone	iPhone, iPad, Android Phone
Memory Slot	FTP; Micro SD card (256GB)
Weather Proof Standard	IP67; IK10
Casing	Metal
Dimension	Φ190 mm × 332 mm (Φ7.48" × 13.07")
Power Source	DC 24 V/2.5 A ± 25% PoE+(802.3at)
Power Consumption	11W 20W (PTZ pan/tilt, IR on)
Weight	4.7kg

Dimensions (mm/inch)



Accessories : Optional



CP-UA-B3P
Pole Mount Bracket

Company Name:

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