

# CP-UNP-D2521L10-DAQ

2MP WDR 25x IR Network PTZ Camera- 100 Mtr.



- 1/2.8" 2MP PS CMOS Image sensor (0.9071 centimeters)
- Max. 2MP (1920 × 1080)@1–25fps
- Powerful 25x Optical and 16x Digital zoom
- WDR(120dB), Day/Night(ICR), 2D NR/ 3D NR, Defog, AWB, AGC, BLC, HLC
- Up to 300 Presets, 5 Scan, 8 Tour, 5 Pattern
- Support Starlight Technology
- IR Range of 100 Mtr., IP66
- Mobile Software: iCMOB, gCMOB
- CMS Software: KVMS Pro Lite, EVMS Pro



## 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.

## 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.

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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.

#### Starlight Technology

This camera is widely used to provide sharper and clearer picture quality with the help of its exceptional star-light 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.

### 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.



*\*Product casing and specifications are subject to change without prior notice*



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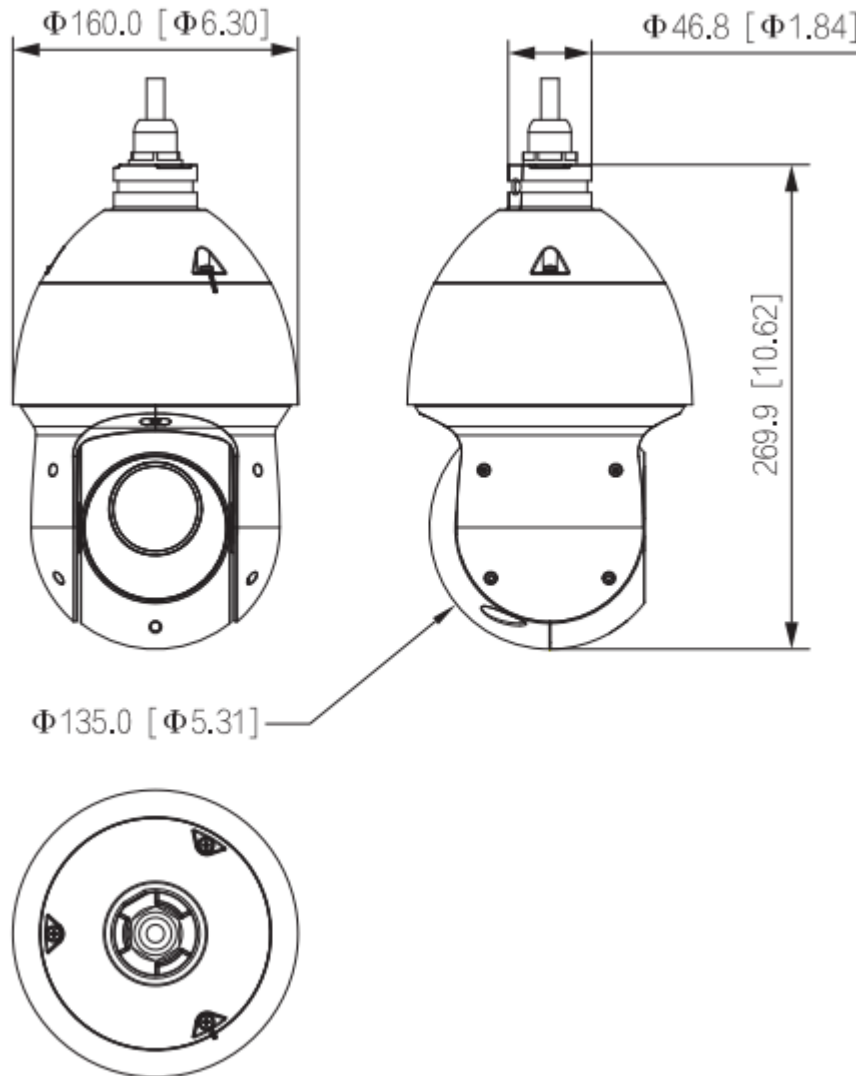
Feature	Specification
Image Sensor	1/2.8" 2MP PS CMOS Image sensor (0.9071 centimeters)
Effective Pixels	1920 (H) × 1080 (V)
Electronic Shutter	1/1 s–1/30,000 s
Max. Aperture	F1.6–F3.5
RAM	512 MB
ROM	256 MB
Minimum Illumination	0.005 lux@F1.6 (Color, 30 IRE), 0.0005 lux@F1.6 (B/W, 30 IRE), 0 lux (IR light)
White Balance	Auto, Indoor, Outdoor, Tracking, Manual, Sodium lamp, Natural light, Street lamp
S/N Ratio	≥55 dB
Focus Control	Auto, Semi-auto, Manual
Lens	4.8 mm–120 mm
Close Focus Distance	0.1 m–1.5m
Angle of View	H: 60.6°–3.2°; V: 34.1°–1.8°; D: 69.4°–3.7°
Iris Control	Auto, Manual
DORI Distance	1655.2 mm (Detect), 653.8 mm (Observe), 331.0 mm (Recognize), 165.5 mm (Identify)
Back Light Compensation	BLC/ HLC/ WDR(120dB)
IR Control	Zoom Prio, Manual, Auto
IR Number	3 IR
Day/Night	Auto (ICR)/Color/B/W
IR	IR Range of 100 Mtr.
Video Format	PAL
Bit Rate	H265: 86 kbps–5632 kbps, H264: 256 kbps–8192 kbps
Overlay	Channel Title, Time Title, OSD Info (PTZ Coordinate, Zoom, North, Pattern, Temperature, Preset, Location, Input Text, Text Alignment), Font Properties, Custom Title, Exception Overlay
Gain Control	Auto, Manual

Feature	Specification
Resolution	2MP (1920 × 1080), 720p (1280 × 720), D1 (704 × 576), CIF (352 × 288)
Pan/Tilt Angle	Pan: 0° to 360° endless, Tilt: -15° to +90°, auto flip 180°
Optical Zoom	25x
Digital Zoom	16x
Image Rotation	180°
Defog	Electronic
Special Features	Up to 300 Presets, 5 Pattern, 8 (up to 32 presets per tour) Tour, 5 Scan
Frame Rate	Main stream: 2MP (1920 × 1080)@1-25fps, 720p, D1@1-25fps Sub stream 1: D1/CIF@1-25fps, Sub stream 2: 2MP (1920 × 1080)@1-25fps, 720p, D1@1-25fps Sub stream 3: D1/CIF@1-25fps, Sub stream 4: D1/CIF@1-25fps
Bit Rate Control	CBR/VBR
IMD	Support
Noise Reduction	2D NR/3D NR
Stream Capability	Penta stream
Idle Motion	Pattern, Preset, Scan, Tour
Protocol	IPv4, IPv6, HTTP, HTTPS, TCP, UDP, RTP, RTSP, RTCP, RTMP, SMTP V3, SFTP, DHCP, DNS, QoS, UPnP, NTP, Multicast, ICMP, IGMP, NAS, PPPoE, SNMP, Auto Connect, TLS v1.2 and v1.3, ONVIF (Profile S, Profile G, Profile T), InstaOn
Device Search Tool	IP finder
OTA (Over-The-Air)	Support
SDK and API	Support
Power off memory	Support
Manual Speed	Pan: 0.1°-80°/s, Tilt: 0.1°-80/s
Preset Speed	Pan: 80°/s, Tilt: 80°/s
Event Alarm	Motion Detection, Defocus Detection, Disk Full, Disk Error, Video Tampering, External Alarm, Security Warning, Audio Detection, AI Event
Alarm Linkage	Capture, Recording, Send email, Preset, Tour, Pattern, Alarm digital output
Privacy Mask	Support
IVS(Perimeter Protection)	Crossing virtual fence, Tripwire, Intrusion, Abandoned Object, Fast Moving, Parking Detection, Crowd Gathering, Missing Object, Loitering Detection, Face Detection, IMD

Feature	Specification
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
Audio In	1 Channel
Audio Out	1 Channel
Alarm IN	2 (on-off value input: 0–5 VDC)
Alarm Out	1 Channel
Reset Button	Support
Weatherproof Standard	IP66, TVS 6000V lightning proof, Surge protection, Voltage transient protection
Storage	SFTP, NAS, Mirco SD card (Max. 512GB)
Certificates	ISO 9001: 2015, ISO 20000-1 : 2018, ISO 14001 : 2015, ISO 45001 : 2018, ISO 50001:2018, CE, FCC and RoHS, BIS, STQC approved compliance report
Power Source	12 VDC, 3 A ± 10%
Power Consumption	Basic: 6.5 W Max.: 17.25 W
Operating Temperature	–40 °C to +65 °C
Operating Humidity	≤ 95% (RH)
Dimension	270.4 mm × 160.0 mm
Weight	2400g

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Dimensions (mm/inch)



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