

CP-UNC-DA81L3C-LQ	
8MP Dual Light Dome Camera	
Image Sensor	1/2.7
Effective Pixels	3840 (H) × 2160 (V)
Minimum Illumination	0.001 lux@F1.4 (Color, 30 IRE), 0.0001 lux@F1.4 (B/W, 30 IRE), 0 lux (IR on)
Angle Adjustment	Pan: 0°–360°, Tilt: 0°–78°, Rotation: 0°–360°
Shutter Speed	Auto/Manual 1/3 s–1/100,000 s
White Balance	Auto, Natural, Street lamp, Outdoor, Manual, Regional custom
RAM	256 MB
DORI Distance	Lens 3.6mm: 98.7 m (Detect), 39.5 m (Observe), 19.7 m (Recognize), 9.9 m (Identify) Lens 2.8mm: 84.8 m (Detect), 33.9 m (Observe), 17.0 m (Recognize), 8.5 m (Identify)
Gain Control (AGC)	Auto/Manual
Lens Type	Fixed-focal
Max. Aperture	F1.4
Close Focus Distance	3.6 mm: 1.9 m, 2.8 mm: 1.5 m
Lens Mount	M12
Lens	3.6mm fixed Lens (2.8mm optional)
Video Compression	Instastream, H.265, H.264, H.264H, H.264B, MJPEG (Only supported by the sub stream)
S/N Ratio	>56dB
IR Number	1 (Multi-core (IR + warm) light)
IR	IR Range of 30 Mtr.
Day/Night	Auto(ICR)/Color/B/W
Angle of view	3.6 mm: H: 86°, V: 49°, D: 100°; 2.8 mm: H: 110°, V: 58°, D: 132°
Back Light Compensation	BLC/ HLC/ DWDR
Stream Capability	Triple stream
Frame Rate	Main stream: 8MP (3840 × 2160)@1–20 fps, 4MP (2688 × 1520)@1–25/30 fps Sub stream 1: D1 (704 × 576)@1–25 fps/ (704 × 480)@1–30fps Sub stream 2: D1 (704 × 576)@1–25 fps/ (704 × 480)@1–30fps
Smart search	Work together with Smart NVR to perform refine intelligent search, event extraction and merging to event videos
Video Format	PAL/NTSC
ROI	Support (4 areas)
OSD	Camera title, Date & Time
Audio	Built-in Mic
Audio Compression	G.711a, G.711Mu, PCM, G.726, AAC
Bit Rate	H.265: 3 kbps–8192 kbps, H.264: 3 kbps–8192 kbps
Bit Rate Control	CBR/VBR
Protocol	FTP, IPv6, IPv4, DNS, RTCP, NTP, RTP, HTTP, HTTPS, SNMP V3, TLS Version 1.2, TCP/IP, PPPoE, NFS, UDP, ICMP, SSL, DHCP, SMTP, RTSPS, ONVIF (Profile S, Profile G, Profile T), unicast, multicast
SDK and API	Support
Ethernet	RJ-45 (10/100 Base-T)

Resolution	8MP (3840 × 2160), 6MP (3072 × 2048), 5MP (3072 × 1728), 4MP (2880 × 1620/2688 × 1520), 3MP (2048 × 1536/2304 × 1296), 2MP (1920 × 1080), 1.3MP (1280 × 960), 720p (1280 × 720), D1 (704 × 576/704 × 480), VGA (640 × 480), CIF (352 × 288/352 × 240)
Noise Reduction	3D NR
Motion Detection	OFF/ON (4 areas, rectangular)
Mirror Function	Support
IR Control	Auto, Manual
Iris Control	Fixed
Smart IR	Support
Image Rotation	0°/90°/180°/270° (Support 90°/270° with 2688 × 1520 resolution and lower)
User/ Host	6 (Total bandwidth: 48 M)
Browser	IE, Chrome, Firefox
Certificates	ISO9001, CE, FCC and RoHS
Power Source	12 VDC/PoE (802.3af)
Power Consumption	Basic: 2.5 W (12 VDC), 3.5 W (PoE) Max.: 4.5 W (12 VDC), 5.8 W (PoE) (H.265 + intelligence on+ DWDR + illuminator intensity)
Weatherproof Standard	IP66
Operating Temperature	−40 °C to +55 °C (−40 °F to 131 °F)
Operating Humidity	≤95% (RH), non-condensing
Storage Temperature	−40 °C to +55 °C (−40 °F to 131 °F)
Storage Humidity	≤95%(RH), non-condensing
Dimension	85.5mm × 109mm
Casing	Metal + Plastic
Weight	280g