

PTZ-N2C400C-DE(B)
4 MP ColorVu Network Speed Dome



- High quality imaging with 4 MP resolution
- Clear imaging against strong back light due to DWDR technology
- 3D DNR technology delivers clean and sharp images
- Hik-Connect cloud service and APP for remote management and views of devices
- Built-in microphone and speaker for real-time audio security
- Water and dust resistant IP66

▪ Specification

Camera	
Image Sensor	1/1.8" Progressive Scan CMOS
Max. Resolution	2560 × 1440
Min. Illumination	Color: 0.0005 Lux @ (F1.0, AGC ON)
Day & Night	24/7 color imaging
Shutter Speed	1/3 s to 1/100,000 s
Illuminator	
Supplement Light Type	White Light
Supplement Light Range	Up to 30 m
Lens	
Lens Type	Fixed focal lens, 2.8 and 4 mm optional
Focal Length & FOV	2.8 mm, horizontal FOV 104.8°, vertical FOV 55.3°, diagonal FOV 124.9° 4 mm, horizontal FOV 89.4°, vertical FOV 46.3°, diagonal FOV 107.1°
Lens Mount	M16
Iris Type	Fixed
Aperture	F1.0
PTZ	
Movement Range (Pan)	0° to 345°
Movement Range (Tilt)	0° to 80°
Pan Speed	Up to 25°/s
Tilt Speed	Up to 20°/s
Video	
Main Stream	50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720)
Sub-Stream	50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360)
Video Compression	Main stream: H.265/H.264, Sub-stream: H.265/H.264/MJPEG
Video Bit Rate	32 Kbps to 8 Mbps
H.264 Type	Baseline profile, Main profile, High profile
H.265 Type	Main profile
Scalable Video Coding (SVC)	H.264 and H.265 encoding
Region of Interest (ROI)	1 fixed regions for main stream
DORI	
DORI	2.8 mm, horizontal FOV 104.8°, vertical FOV 55.3°, diagonal FOV 124.9° 4 mm, horizontal FOV 89.4°, vertical FOV 46.3°, diagonal FOV 107.1°
Audio	
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM/AAC-LC
Audio Bit Rate	64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC)
Audio Sampling Rate	8 kHz/16 kHz
Environment Noise Filtering	Yes

Network	
Protocols	TCP/IP, ICMP, DHCP, DNS, DDNS, HTTP, RTP, RTCP, RTSP, NTP, IGMP, IPv4, IPv6, UDP, QoS, SMTP, SNMP
Simultaneous Live View	Up to 6 channels
API	ONVIF (Profile S, Profile G, Profile T), ISAPI, SDK
User/Host	Up to 32 users. 3 user levels: administrator, operator, and user
Security	Password protection, complicated password, HTTPS encryption, watermark, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for Open Network Video Interface, RTP/RTSP over HTTPS, security audit log, TLS 1.2, TLS 1.3, host authentication (MAC address)
Client	iVMS-4200, Hik-Connect
Web Browser	Local service: IE11, Chrome 57.0+, Firefox 52.0+, Edge 89+
Video	
Region of Interest (ROI)	1 fixed region for main stream
Image	
Image Settings	Saturation, brightness, contrast, sharpness, gain, white balance
Day/Night Switch	Day, night, auto, schedule
Wide Dynamic Range (WDR)	Digital WDR
SNR	≥ 52 dB
Image Enhancement	BLC, HLC, 3D DNR
Privacy Mask	4 programmable polygon privacy masks
Interface	
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
Built-in Microphone	1 built-in microphone
Built-in Speaker	Max. power consumption: 1.5 W, max. sound pressure level: 10 cm: 95 dB.
Event	
Basic Event	Motion detection (support alarm triggering by specified target types (human and vehicle)), exception
Smart Event	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
Linkage	Upload to FTP/memory card, notify surveillance center, send email, trigger recording, trigger capture, audible warning, auto-tracking lite
General	
Power	12 VDC ± 25%, 0.75 A, max. 9 W, PoE: IEEE 802.3af, CLASS 3, max. 10.5 W
Dimension	131.9 mm × 164 mm × 185.8 mm (5.2" × 6.5" × 7.3")
Weight	Approx. 600 kg (1.3 lb.)
Material	Plastic
Operating Condition	-30 °C to 40 °C (-22 °F to 104 °F). Humidity 95% or less (non-condensing)
General Function	Heartbeat, anti-banding, mirror, password protection, password reset via email
Language	English, Ukrainian
Storage Conditions	-30 °C to 40 °C (-22 °F to 104 °F). Humidity 95% or less (non-condensing)

Approval	
EMC	CE-EMC (EN 50130-4:2011+A1:2014, EN 55032:2015+A11:2020+A1:2020, EN 61000-3-3:2013+A1:2019+A2:2021, EN IEC 61000-3-2:2019+A1:2021), IC (ICES-003: Issue 7), KC (KN 32: 2015, KN 35: 2015)
Safety	CB (IEC 62368-1: 2014 + A11), CE-LVD (EN 62368-1: 2014/A11: 2017), BIS (IS 13252 (Part 1): 2010/IEC 60950-1: 2005)
Environment	CE-RoHS (2011/65/EU), WEEE (2012/19/EU), Reach (Regulation (EC) No 1907/2006)
Protection	IP66 (IEC 60529-2013)

▪ Typical Application

Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

This model has NO SPECIFIC PROTECTION.

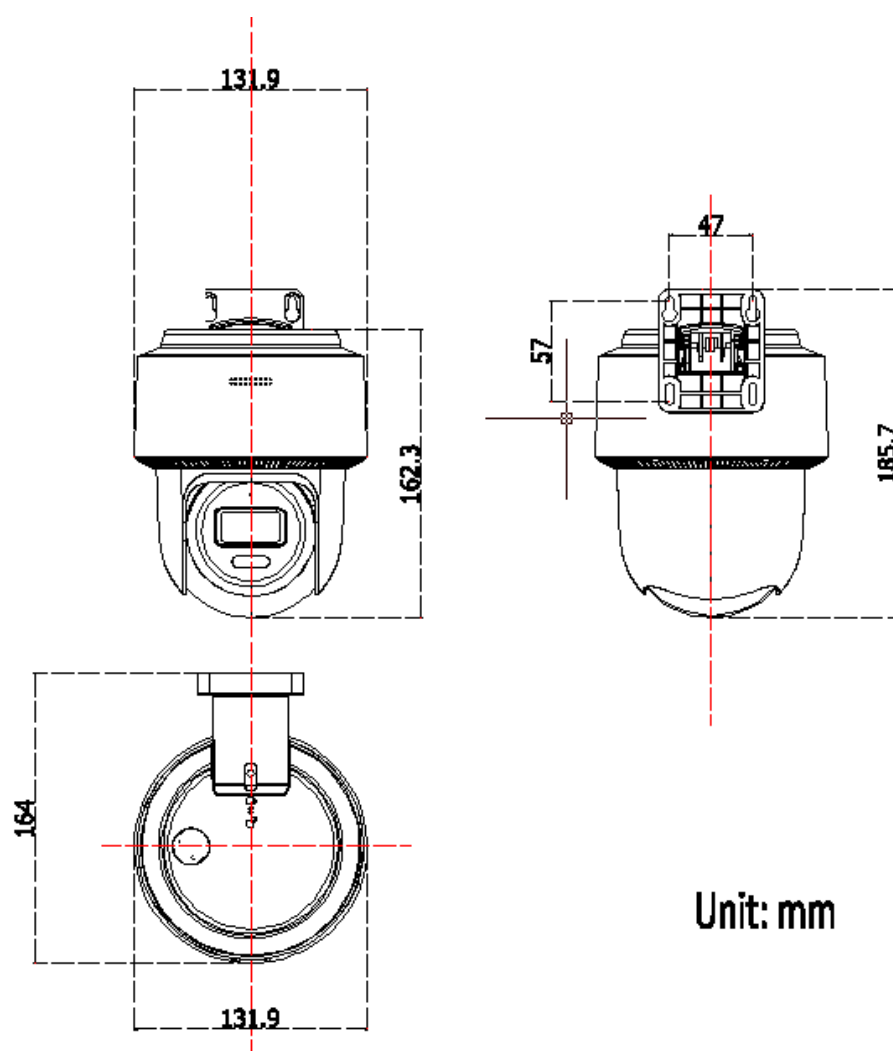
Level	Description
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.
Moderate protection	Hikvision products at this level are equipped for use in areas with moderate anti-corrosion demands. Typical application scenarios include coastal areas about 2 kilometers (1.24 miles) away from coastlines, as well as areas affected by acid rain.
No specific protection	Hikvision products at this level are equipped for use in areas where no specific anti-corrosion protection is needed.

▪ Available Model

PTZ-N2C400C-DE(2.8mm)

PTZ-N2C400C-DE(4mm)

▪ Dimension



See Far, Go Further



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