

PTZ-N2C400I-K/4G/C05S10(2.8mm) 4 MP Pro Solar-powered Security PT Camera Setup





Hilook PTZ-N2C400I-K/4G/C05S10(2.8mm) Pro Solar-powered Security PT Camera Setup is ideal for outdoor HD surveillance of small businesses and private properties, as well as close-range surveillance of roads, parks, estates, farms, plantations, construction sites, etc.

- High quality imaging with 4 MP resolution
- Dual transducers PIR and Radar work together for higher detection accuracy
- Support 4G LTE data transmission
- Built-in microphone and built-in speaker for two-way audio and audio alarm
- Support on-board storage up to 512 GB (SD card slot)
- Water and dust resistant (IP66)
- Support manual adjustment of the radar angle: 0°, 10°, and 20°



Specification

Camera	
Image Sensor	1/2.7" Progressive Scan CMOS
Max. Resolution	2560 × 1440
Shutter Time	1/3 s to 1/100,000 s
Min. Illumination	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR
Day & Night	IR cut filter
Lens	
Lens Type	Fixed focal lens, 2.8 and 4 mm optional
•	2.8 mm, horizontal FOV 94°, vertical FOV 49°, diagonal FOV 114°
Focal Length & FOV	4 mm, horizontal FOV 70°, vertical FOV 35°, diagonal FOV 85°
Lens Mount	M12
Iris Type	Fixed
Aperture	F1.6
PTZ	
Movement Range (Pan)	0° to 340°
Movement Range (Tilt)	0° to 80°
Pan Speed	Up to 25°/s
Tilt Speed	Up to 25°/s
DORI	
	2.8 mm, D: 68 m, O: 27 m, R: 13 m, I: 6 m
DORI	4 mm, D: 100 m, O: 39 m, R: 20 m, I: 10 m
Illuminator	
Supplement Light Type	IR
Supplement Light Range	Up to 30 m
Smart Supplement Light	Yes
IR Wavelength	850 nm
Network	
API	ONVIF (Profile S, Profile G, Profile T), ISAPI, SDK
Video	
** * **	50 Hz: 12.5 fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Main Stream	60 Hz: 15 fps (2560 × 1440, 1920 × 1080, 1280 × 720)
6.1.6.	50 Hz: 12.5 fps (1280 × 720, 640 × 480, 640 × 360)
Sub-Stream	60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360)
Video Communica	Main stream: H.265/H.264,
Video Compression	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
Bit Rate Control	CBR, VBR
Region of Interest (ROI)	1 fixed region for main stream
Audio	
Audio Type	Mono sound
Audio Sampling Rate	8 kHz/16 kHz
Environment Noise Filtering	Yes



Audio Compression	G.722.1/G.711/MP2L2/PCM/G.726/AAC-LC
Audio Bit Rate	16 Kbps(G.722.1)/64 Kbps(G.711ulaw/G.711alaw)/32~160 Kbps(MP2L2)/8~48
Audio bit kate	Kbps(PCM)/16 Kbps(G.726)/16~64 Kbps(AAC-LC)
Network	
Security	Password protection, complicated password, basic and digest authentication for HTTP,
	TLS 1.1/1.2/1.3, WSSE and digest authentication for Open Network Video Interface
Simultaneous Live View	Up to 6 channels
Protocols	TCP/IP, DHCP, IPv4
User/Host	Up to 32 users
	3 user levels: administrator, operator, and user
Client	Hik-Connect, HikCentral Professional, Hik-Partner Pro
Web Browser	Local service: IE 11, Chrome 57.0+, Firefox 52.0+, Edge 89+
Mobile Communication	
Standard	LTE-FDD, LTE-TDD, UMTS
	EU:
	LTE-FDD: B1/3/5/7/8/20/28
	IN:
	LTE-FDD: B1/3/5/8
_	LTE-TDD: B34/38/39/40/41
Frequency	LA:
	LTE-FDD: B2/3/4/5/7/8/28/66
	NA:
	LTE-FDD: B2/4/5/12/13/17/66/71
	UMTS: B2/4/5
	EU: uplink: 5.1 Mbps, downlink: 10.3 Mbps
Unlink and Dawnlink Data Data	IN: uplink: 5.1 Mbps, downlink: 10.3 Mbps
Uplink and Downlink Data Rate	LA: uplink: 5.1 Mbps, downlink: 10.3 Mbps
	NA: uplink: 50 Mbps, downlink: 150 Mbps
SIM Card Type	Nano SIM
Image	
Wide Dynamic Range (WDR)	Digital WDR
SNR	≥ 52 dB
Day/Night Switch	Day, Night, Auto, Schedule
Image Enhancement	BLC, HLC, 3D DNR
	Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client
Image Settings	software or web browser
Transducer	
Transducer Type	
Transducer Type	PIR + Radar
Detection Angle	PIR + Radar Horizontal: 80°, vertical: 30°
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Detection Angle	Horizontal: 80°, vertical: 30°
Detection Angle Detection Range	Horizontal: 80°, vertical: 30°
Detection Angle Detection Range Interface	Horizontal: 80°, vertical: 30° Up to 12 m



	1 built-in speaker, Max. power consumption: 1.5 W, max. sound pressure level: 10 cm:
Built-in Speaker	95 dB.
Reset Key	Yes
Event	
Basic Event	Motion detection (support alarm triggering by specified target types (human and
	vehicle)), video tampering alarm, exception
Linkage	Upload to FTP/memory card, notify surveillance center, send email, trigger recording,
	trigger capture, audible warning
General	
Dimension	133.1 mm × 177.64 mm × 382.44 mm/412.44 mm (5.24" × 6.99" × 15.06"/16.24")
Battery	
0 1 115 11	27 hours (1.85 W)
Cycle Lifetime	Full charge battery runtime without solar input.
General	
	Power Consumption and Current:
	Typical power scenarios: 1.85 W (4G working)
	Standby scenarios: 80 mW
	Max. Power consumption: 7 W
	Power Supply: 12 VDC ± 25%
Power	*For debugging only
	10 W (deviation: ± 5%) Solar panels
	Power Interface:
	Power supply interface: four-core aviation connector
	Extened solar panel: four-core aviation connector
Material	Plastic
Package Dimension	375 mm × 305 mm × 398 mm (14.76" × 12.01" × 15.67")
Weight	Approx. 850 g (1.87 lb.)
With Package Weight	Approx. 5400 g (11.88 lb.)
Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
Startup and Operating	See to see to the transmitty server less (non-condensing)
Conditions	0 °C to 50 °C (32 °F to 122 °F). Humidity 95% or less (non-condensing)
Language	English, Ukrainian
General Function	Heartbeat, anti-banding, mirror, password protection, password reset via email
Battery	
Battery Type	Ternary Lithium
Battery Voltage	9 V to 12.6 V
Capacity	50.76 Wh
Max. Charging Voltage	12.6 V
Max. Output Voltage	12.6 V
Operating Temperature	Charging: 0 °C to 45 °C (32 °F to 113 °F)
	Discharging: -20 °C to 55 °C (-4 °F to 131 °F)
Battery Life	More than 800 cycles



Approval	
RF	CE-RED: EN 301489-1 V2.1.1 (BT or 2.4G), EN 301489-17 V3.1.1 (BT or 2.4G), EN 300328 V2.1.1 (BT or 2.4G), EN 62311: 2008 (BT or 2.4G) *CF contification is only for the device cold in the European region
EMC	*CE certification is only for the device sold in the European region. CE-EMC: EN 55032:2015+A1:2020, EN 50130-4:2011+A1:2014, EN IEC 61000-3-
	2:2019+A1:2021, EN 61000-3-3:2013+A1:2019+A2:2021, IC: ICES-003: Issue 7,
Safety	KC: KN32: 2015, KN35: 2015 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.

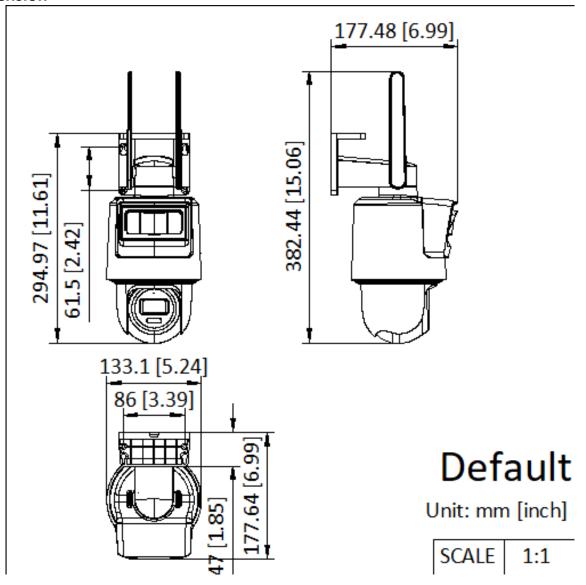
Level	Description
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti-
	corrosion protection is a must. Typical application scenarios include coastlines, docks,
	chemical plants, and more.
Moderate protection	Hikvision products at this level are 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

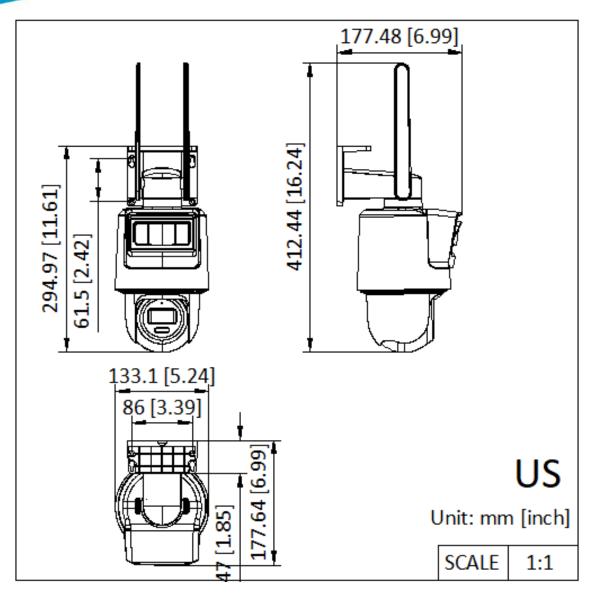
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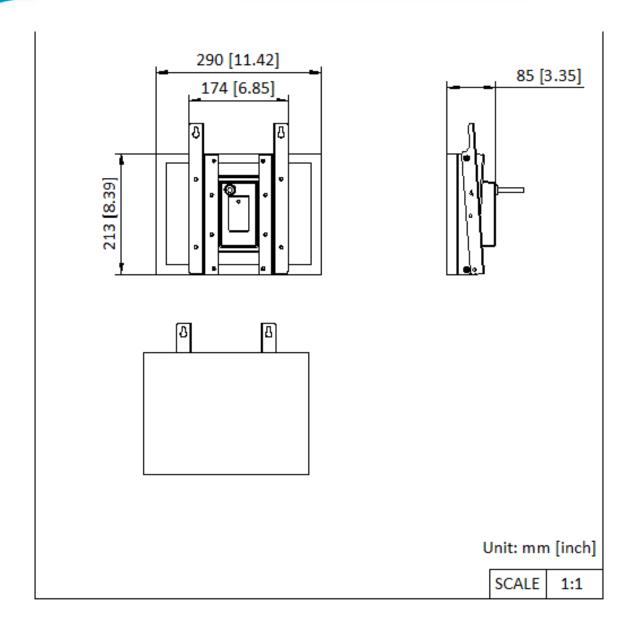
Dimension













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