IPC-CFSP8-D/4G-SIM#EU
4+4MP 24/7 Solar 4G Dual-lens PT Camera





HiLook Solar Camera supports AOV mode, ultra-low power consumption, 24/7 video recording. The package contains solar panel and lithium battery, so it requires NO network or power cables. It 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.

- Support AOV Mode: 24/7 video recording
- 8 W solar panel and 9000 mAh battery
- Support 4G LTE data transmission
- Smart Hybrid Light: 30 m white light and IR
- Built-in microphone and speaker, support two-way audio
- IP66: Water and dust resistant
- Smart Tracking: PT Camera achieves person tracking with Motion Detection 2.0
- Panoramic Details: Wide-angle lens for background information, specific lens for close-up details
- Motion Detection 2.0: Support person and vehicle detection

▪ Specification

Camera	
Image Sensor	1/3" Progressive Scan CMOS
Max. Resolution	2560 × 1440
Min. Illumination	Color: 0.005 Lux @ (F1.6, AGC ON)
Shutter Time	1 s to 1/100,000 s
Day & Night	IR cut filter
Angle Adjustment	Pan: -170° to 170°,tilt: 0° to 80°
Lens	
Focal Length & FOV	2.8 mm, horizontal FOV 98.2°, vertical FOV 54.2°, diagonal FOV 114.6° 4 mm, horizontal FOV 78.8°, vertical FOV 42.3°, diagonal FOV 93.4°
Lens Type	Fixed focal lens Bullet channel: 2.8 mm PT channel: 4 mm
Aperture	F1.6
Lens Mount	M12
Iris Type	Fixed
Depth of Field	2.8 mm: 1.4 m to ∞ 4 mm: 1.5 m to ∞
DORI	
DORI	2.8mm D: 61 m, O: 24 m, R: 12 m, I: 6 m 4mm D: 82 m, O: 32 m, R: 16 m, I: 8 m
Illuminator	
Supplement Light Type	IR,White Light
Supplement Light Range	Up to 30 m
IR Wavelength	850 nm
Smart Supplement Light	Yes
Video	
Main Stream	Bullet channel 1: 50 Hz: 12.5 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (2560 × 1440, 1920 × 1080, 1280 × 720) PT channel 2: 50 Hz: 12.5 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Sub Stream	Bullet channel 1: 50 Hz: 12.5 fps (768 × 432) 60 Hz: 15 fps (768 × 432) PT channel 2: 50 Hz: 12.5 fps (768 × 432) 60 Hz: 15 fps (768 × 432)
Video Compression	Main stream: H.265, Sub-stream: H.265
Video Bit Rate	32 Kbps to 8 Mbps
H.265 Type	Main Profile
Bit Rate Control	CBR,VBR

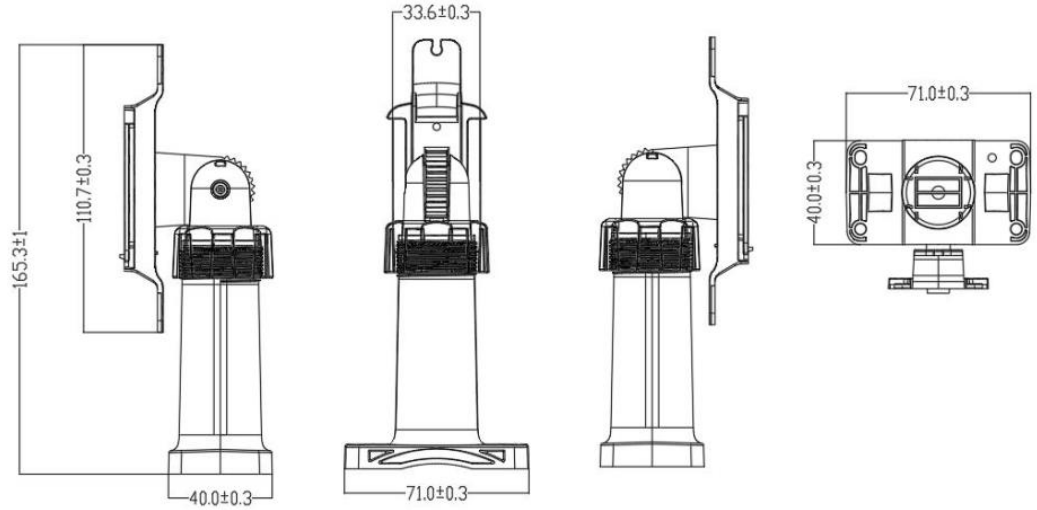
Audio	
Audio Compression	G.711ulaw
Audio Bit Rate	64 Kbps(G.711ulaw)
Audio Sampling Rate	8kHz
Environment Noise Filtering	Yes
Network	
Simultaneous Live View	Up to 6 channels
API	SDK
User/Host	Up to 32 users 3 user levels: administrator, operator, and user
Client	HiLook
Mobile Communication	
Standard	LTE-FDD
Frequency	EU:LTE-FDD: B1/3/5/7/8/20/28 LA:LTE-FDD: B2/3/4/5/7/8/28/66
Uplink and Downlink Data Rate	Cat 1, uplink: 5.1 Mbps, downlink: 10.3 Mbps
SIM Card Type	Nano SIM
Image	
Image Settings	brightness,contrast,white balance,saturation,sharpness
Day/Night Switch	Day,Night,Auto,Schedule
Image Enhancement	BLC,HLC,3D DNR
Wide Dynamic Range (WDR)	Digital WDR
Interface	
On-Board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB
Built-in Microphone	Yes,1 built-in microphone
Reset Key	Yes
Built-in Speaker	Yes, 1 built-in speaker
Event	
Basic Event	Motion detection (support alarm triggering by specified target types (human and vehicle))
Linkage	Upload to FTP/memory card,notify surveillance center,trigger recording,audible warning
General	
Power	12 V, 1.5 A, max. 18 W
Material	Plastic
Dimension	Ø110.9 mm × 145.4 mm (Ø4.37" × 5.72")
Package Dimension	322 mm × 197 mm × 210 mm (12.68" × 7.76" × 8.27")
Weight	Approx. 1560 g (3.44 lb.)
With Package Weight	Approx. 2180 g (4.81 lb.)
Startup and Operating Conditions	-30 °C to 50 °C (32 °F to 122 °F). Humidity 95% or less (non-condensing)
General Function	Mirror,flash log
Storage Conditions	-20 °C to 25 °C (-4 °F to 77 °F). Humidity 70% or less (non-condensing)
Flashing Light	Yes
Battery	
Battery Type	Lithium

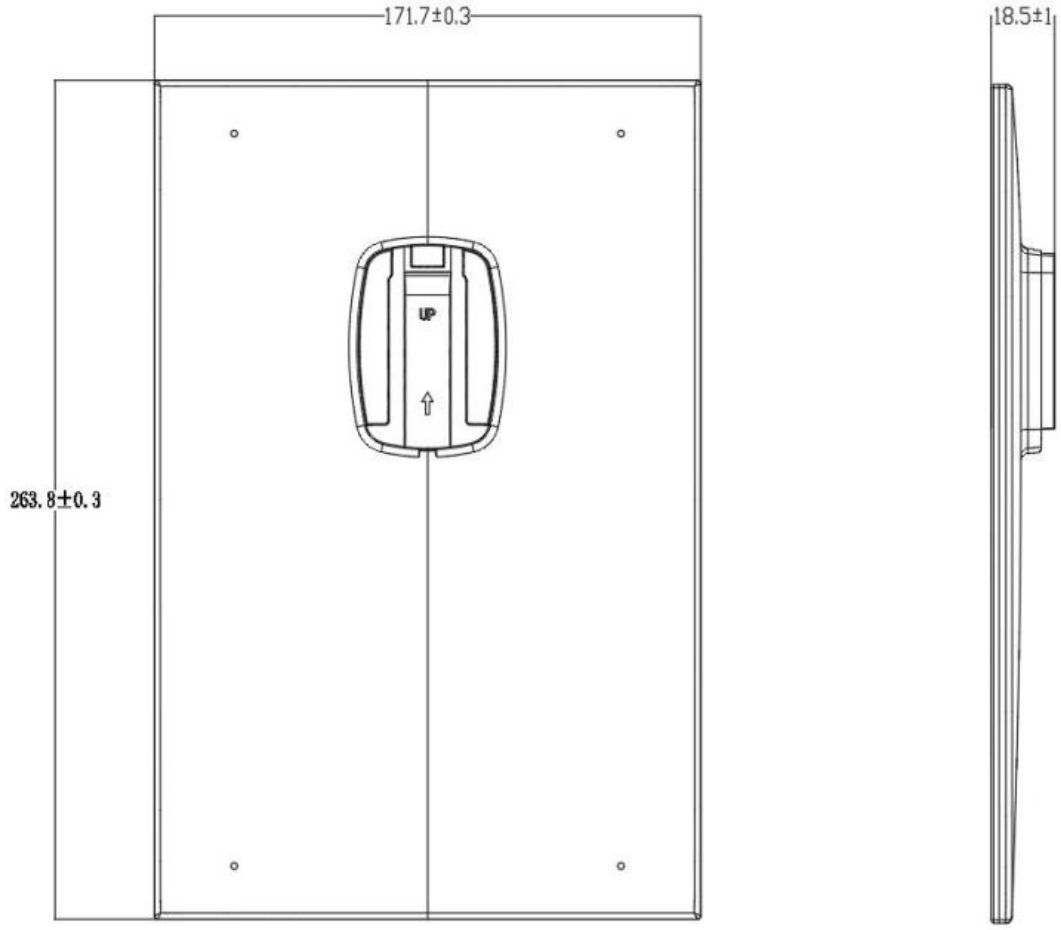
Capacity	9000 mAh
Max. Charging Voltage	8.4 V
Battery Voltage	6 V to 8.4 V
Operating Temperature	Charging: 0 °C to 45 °C (32 °F to 113 °F) Discharging: -20 °C to 55 °C (-4 °F to 131 °F)
Cycle Lifetime	Cap(800th) ≥ 80%
Battery Weight	Approx. 170 g (0.37 lb.)
Approval	
RF	CE-RED: EN 301489-1 V2.1.1(BT 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)
EMC	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, EN 50121-4: 2016+A1:2019
Safety	CB: IEC 62368-1:2014+A11, CE-LVD: EN 62368-1:2014/A11:2017
Environment	CE-RoHS: 2011/65/EU, WEEE: 2012/19/EU, Reach: Regulation (EC) No 1907/2006
Solar Power	
Solar Panel Type	Monocrystalline silicon solar panel
Power Consumption	8 W
Solar Panel Dimensions & Weight	Dimensions: 263.8 mm × 171.7 mm × 18.5 mm (10.39" × 6.76" × 0.73") Weight: 450 g (0.99 lb.)
Working Temperature	-20 °C to 60 °C (-4 °F to 140 °F)
Protection	IP66

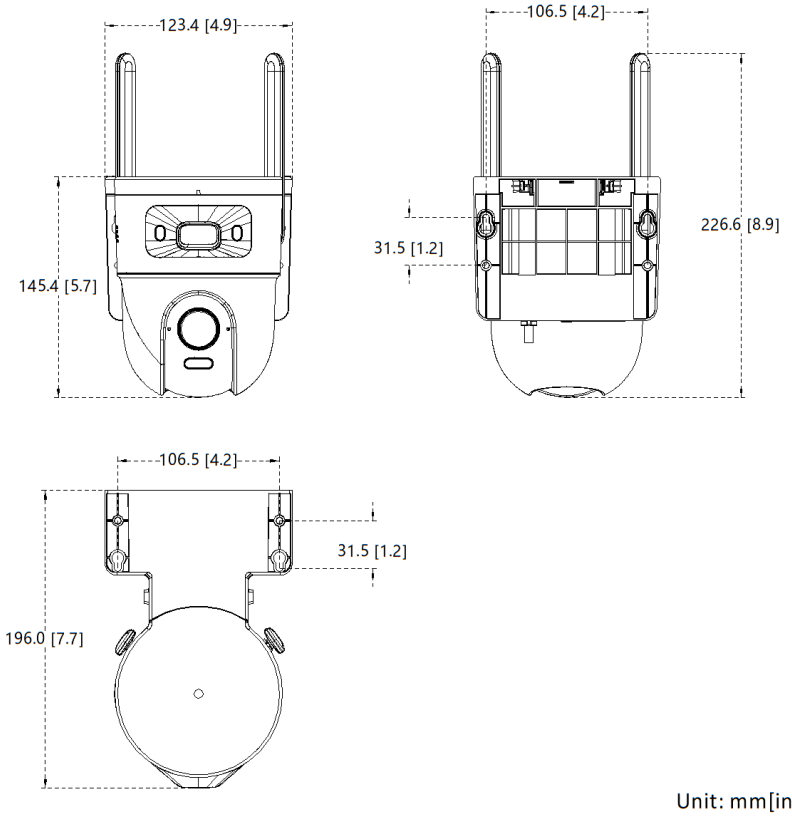
▪ Available Model

IPC-CFSP8-D/4G-SIM(2.8+4mm)(EU)

▪ Dimension


33.6±0.3
165.3±1
110.7±0.3
40.0±0.3
71.0±0.3
71.0±0.3
40.0±0.3


171.7±0.3
18.5±1
263.8±0.3
UP



Unit: mm[inch]

See Far, Go Further

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