

DS-2CFMP8-D/4G/EU 8MP 4G Dual-lens Outdoor PT Camera



It can be used in areas with inconvenient power supply and grid connection or remote areas, and is applied in scenarios with high equipment maintenance costs and strict requirements for equipment stability, such as power transmission lines, water conservancy river systems along rivers, petroleum and petrochemical oil pipelines, forest key areas, etc.

- High quality imaging with 4 MP+4 MP resolution
- 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

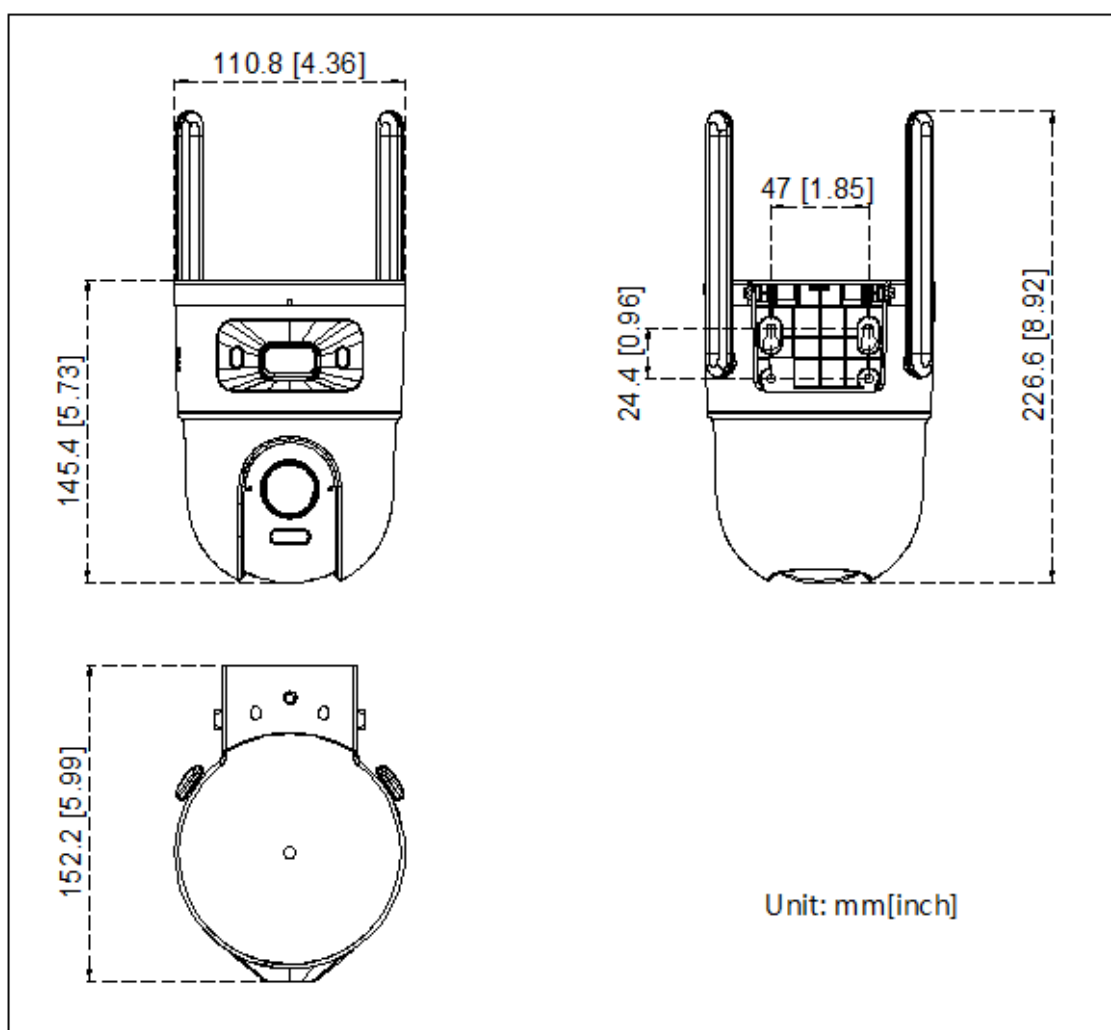
▪ Specification

Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	Color: 0.005 Lux @ (F1.6, AGC ON)
Max. Resolution	2560 × 1440
Day & Night	IR cut filter
Angle Adjustment	Pan: -170° to 170°, tilt: 0° to 80°
Lens	
Focal Length & FOV	2.8 mm, horizontal FOV 95.5°, vertical FOV 53.4°, diagonal FOV 110.8° 4 mm, horizontal FOV 73.5°, vertical FOV 39.7°, diagonal FOV 88°
Lens Type	Fixed focal lens Bullet channel: 2.8 mm PT channel: 4 mm
Aperture	F2.0
Lens Mount	M12
Iris Type	Fixed
DORI	
O2DCPVS	2.8 mm, O: 77.6 m, O: 38.8 m, D: 19.4 m, P: 12.4 m, C: 6.2 m, V: 3.1 m, S: 1 m 4 mm, O: 102.6 m, O: 51.3 m, D: 25.7 m, P: 16.4 m, C: 8.2 m, V: 4.1 m, S: 1.4 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	Channel 1: 50 Hz: 12.5 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 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	Channel 1: 50 Hz: 12.5 fps (768 × 432) 60 Hz: 15 fps (768 × 432) 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 4 Mbps
H.265 Type	Main Profile
Bit Rate Control	CBR, VBR
Scalable Video Coding (SVC)	H.265 encoding
Audio	
Audio Type	Mono sound
Audio Compression	G.711/AAC-LC
Audio Bit Rate	64 Kbps (G.711ulaw)/16 to 64 Kbps (AAC-LC)

Audio Sampling Rate	16 KHz
Environment Noise Filtering	Yes
Network	
Protocols	HTTP, ICMP, DNS, HTTPS, NTP, TCP/IP, IPv4, DHCP, SSL/TLS, RTP, RTSP, UDP, IGMP, QoS
API	EZVIZ
Simultaneous Live View	Up to 6 channels
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	Hik-Connect
Mobile Communication	
Standard	LTE-FDD
Frequency	EU: LTE-FDD: B1/3/5/7/8/20/28
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, sharpness, gain, white balance, saturation
Day/Night Switch	Day, Night, Auto, Schedule
Wide Dynamic Range (WDR)	Digital WDR
Image Enhancement	BLC, HLC, 3D DNR
Privacy Mask	4 rectangular privacy masks
SNR	≥ 52 dB
Interface	
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
On-Board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB
Reset Key	Yes
Built-in Microphone	Yes, 1 built-in microphone
Built-in Speaker	Yes, 1 built-in speaker
Event	
Basic Event	Motion detection (support alarm triggering by specified target types (human and vehicle)), exception
Linkage	notify surveillance center, trigger recording, trigger capture, audible warning, Upload to memory card
General	
Power	12 V, 1.5 A, max. 18 W
Material	Plastic
Dimension	110.8 mm × 145.4 mm × 152.2 mm (4.36" × 5.73" × 5.99")
Package Dimension	185 mm × 145 mm × 198 mm (7.28" × 5.71" × 7.80")
Weight	Approx. 695 g (1.53 lb.)
With Package Weight	Approx. 1040 g (2.29 lb.)
Startup and Operating Conditions	-30 °C to 50 °C (-22 °F to 122 °F). Humidity 95% or less (non-condensing)

Storage Conditions	-30 °C to 50 °C (-22 °F to 122 °F). Humidity 70% or less (non-condensing)
Language	English
Flashing Light	NA
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

▪ Dimension



See Far, Go Further



www.hikvision.com
support@hikvision.com

