

DS-TCP506-EP/DS-TCPC06-EP 5MP/12MP Fisheye Parking Camera



Fisheye parking camera is mainly used in the underground parking lot. It adopts HD progressive scan CMOS and features in high quality imaging, low illumination, good color rendition, etc. It supports H.265 encoding to save storage space. Built-in deep-learning algorithm of parking space detection provides motion detection and other smart detection functions. It realizes precise indoor parking space detection and can help the vehicle owner to quickly find the parking space.

- DS-TCPC06-EP: 12 MP HD camera with max. 4000 × 3000 resolution and 15 fps frame rate in the fisheye mode. It is applicable to the underground parking lot and other low illumination scenes. High quality imaging with 1/1.7" progressive scan CMOS. 0.04 lux low illumination with clearer imaging at night.
- DS-TCP506-EP: 5 MP HD camera with max. 2688 × 1944 resolution and 25 fps frame rate in the fisheye mode. It is applicable to the underground parking lot and other low illumination scenes. High quality imaging with 1/2.7" progressive scan CMOS. 0.04 lux low illumination with clearer imaging at night.
- Adopts ultra wide-angle lens for 360° monitoring.
- Supports multiple output modes, including the fisheye, dual-channel calibration and 4-channel calibration.
- Supports H.265/H.264/MJPEG video encoding algorithm and multiple video quality configuration and profile settings.
- Support standard PoE.
- Built-in AI intelligent algorithm of parking space detection supports to detect the parking space in the fisheye calibration mode.
- Supports motion detection.



▪ Specification

Model	DS-TCPC06-EP 12MP Fisheye Parking Camera	DS-TCP506-EP 5MP Fisheye Parking Camera
Camera		
Sensor Type	1/1.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Min. Illumination	Color: 0.06 Lux @ (F2.2, AGC ON) B/W: 0.04 Lux @ (F2.2, AGC ON)	Color: 0.04 Lux @ (F2.2, AGC ON) B/W: 0.02 Lux @ (F2.2, AGC ON)
Shutter	1/30 s to 1/100,000 s	
Lens Type	1.29 mm	1.16 mm
Compression Standard		
Video Encoding	H.264/H.265/MJPEG	
H.265	Main Profile	
H.264	BaseLine Profile/Main Profile/High Profile	
Video Bit Rate	32 Kbps to 8 Mbps	
Main/Sub-Stream	Supported	
Image		
Image Format	JPEG	
Max. Image Resolution	4000 × 3000	2688 × 1944
Fisheye Resolution	50 Hz: 17 fps (4000 × 3000), 60 Hz: 15 fps (4000 × 3000)	50 Hz: 25 fps (2688 × 1944), 60 Hz: 30 fps (2688 × 1944)
Calibration Resolution	Dual-channel: 50 Hz: 8.5 fps (3840 × 1440), 60 Hz: 7.5 fps (3840 × 1440); 4-channel: 50 Hz: 8.5 fps (1920 × 1440), 60 Hz: 7.5 fps (1920 × 1440); 1-channel (with 2 windows): 50 Hz: 8.5 fps (3840 × 2880), 60 Hz: 7.5 fps (3840 × 2880); 1-channel (with 4 windows): 50 Hz: 8.5 fps (3840 × 2880), 60 Hz: 7.5 fps (3840 × 2880); Main Stream (configurable): 1280 × 1024, 1280 × 720, 704 × 576	Dual-channel: 50 Hz: 12.5 fps (2688 × 832), 60 Hz: 15 fps (2688 × 832); 4-channel: 50 Hz: 12.5 fps (1344 × 832), 60 Hz: 15 fps (1344 × 832); 1-channel (with 2 windows): 50 Hz: 12.5 fps (2688 × 1664), 60 Hz: 15 fps (2688 × 1664); 1-channel (with 4 windows): 50 Hz: 12.5 fps (2688 × 1664), 60 Hz: 15 fps (2688 × 1664); Main Stream (configurable): 1920 × 1080
Sub-Stream	1920 × 1080, 704 × 576, 352 × 288	1920 × 1080, 640 × 480
Installation Mode	Ceiling mount	
Image Settings	Saturation, brightness, contrast, white balance, AGC, and 3D noise reduction can be adjusted via the web browser.	
Network		
Protocols	Open Network Video Interface Forum, RTSP, ISAPI	
Security	Heartbeat, password protection, and NTP time sync.	
Capture		
Picture Format	JPEG with configurable quality	
Smart Recognition (Parking Space Detection Mode)	Up to 16 parking spaces status detection in dual-channel mode.	Up to 12 parking spaces status detection in dual-channel mode.
Interface		
Communication Interface	1 × audio input and output port(s), 1 × 10/100M Ethernet port(s), 1 × relay output, 2 × alarm output, 1 × RS485	

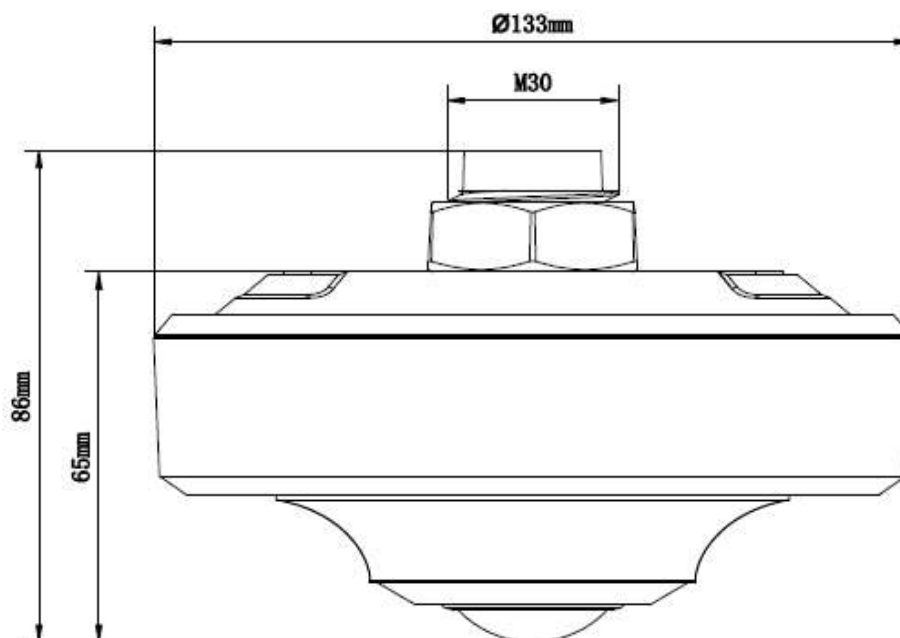
General

Working Temperature	-20 °C to 60 °C (-4 °F to 140 °F)
Power Supply	12 VDC/PoE
Working Consumption	5 W
Weight	150 g (0.33 lb.)

▪ Available Model

DS-TCPC06-EP, DS-TCP506-EP

Dimension



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HIKVISION®

Headquarters

No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
overseasbusiness@hikvision.com

Hikvision USA
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision Australia
T +61-2-8599-4233
salesau@hikvision.com

Hikvision India
T +91-22-28469900
sales@pramahikvision.com

Hikvision Canada
T +1-866-200-6690
sales.canada@hikvision.com

Hikvision Thailand
T +662-275-9949
sales.thailand@hikvision.com

Hikvision Europe
T +31-23-5542770
sales.eu@hikvision.com

Hikvision Italy
T +39-0438-6902
info.it@hikvision.com

Hikvision Brazil
T +55 11 3318-0050
Latam.support@hikvision.com

Hikvision Turkey
T +90 (216)521 7070- 7074
sales.tr@hikvision.com

Hikvision Malaysia
T +601-7652-2413
sales.my@hikvision.com

Hikvision UK & Ireland
T +01628-902140
sales.uk@hikvision.com

Hikvision South Africa
Tel: +27 (0) 0351172
sale.africa@hikvision.com

Hikvision France
T +33(0)1-85-330-450
info.fr@hikvision.com

Hikvision Kazakhstan
T +7-727-9730667
nikia.panfilov@hikvision.ru

Hikvision Vietnam
T +84-974270888
sales.vt@hikvision.com

Hikvision UAE
T +971-4-4432090
salesme@hikvision.com

Hikvision Singapore
T +65-6684-4718
sg@hikvision.com

Hikvision Spain
T +34-91-737-16-55
info.es@hikvision.com

Hikvision Tashkent
T +99-87-1238-9438
uzb@hikvision.ru

Hikvision Hong Kong
T +852-2151-1761
info.hk@hikvision.com

Hikvision Russia
T +7-495-669-67-99
saleru@hikvision.com

Hikvision Korea
T +82-(0)31-731-8817
sales.korea@hikvision.com

Hikvision Poland
T +48-22-460-01-50
info.pl@hikvision.com

Hikvision Indonesia
T +62-21-2933759
Sales.Indonesia@hikvision.com

Hikvision Colombia
sales.colombia@hikvision.com