iDS-TCR204-E
2MP Parking space detection camera



- High definition: 2 MP HD camera with max. 1920 × 1200 resolution and 25 fps frame rate.
- Low illumination: High quality imaging with 1/3" progressive scan CMOS. 0.011 lux low illumination with clearer imaging at night.
- Lens: 3.1 to 6 mm motor-driven vari-focal lens. Remote debugging is quick and easy.
- Multiple interfaces: Supports multiple control interfaces to connect peripheral alarm device, LED display, audio output, etc.
- Smart Detection: Supports up to 15 parking spaces status detection, parking space occupation detection, and weaving out of the lane detection.

▪ Specification

Camera	
Sensor Type	1/3" Progressive Scan CMOS
Min. Illumination	Color: 0.019 Lux @ (F1.9, AGC OFF) B/W: 0.011 Lux @ (F1.9, AGC OFF)
Shutter	1/30 s to 1/100,000 s
Max. Resolution	1920 × 1200
Day/Night Switch	Supported
Number of Detected Parking Space	Max 40 (installation height：12m) Max 25 (installation height：9m) Max 15 (installation height：6m) Max 5 (installation height：3m)
IR Cut Filter	IR cut filter Blue glass module to reduce ghost phenomenon
Lens	
Lens Type	2 to 8 mm
Aperture	2 to 8 mm：F1.9
Focal Length & FoV	2 to 8 mm, horizontal FoV: 105.5° to 51.4°, vertical FoV: 55.9° to 28.9°, diagonal FoV: 126.9° to 59.2°
Focus	Auto,Vari-focal lens, motor-driven lens
Supplement Light	
Supplement Light Type	Warm White Light
Supplement Light Range	20m
Image	
WDR	140db
Defog	supported
Main Stream	50 Hz: 25 fps (1920*1200 (default),1920*1080,1280*720,704*576)
Sub-Stream	50 Hz: 25 fps (1920*1200 (default),1920*1080,1280*720,704*576)
Image Settings	Saturation, brightness, contrast, white balance, and gain are adjustable by client software or web browser.
Day/Night Switch	Auto/Scheduled/Manual
WDR Switch	On, Time, Brightness
Frame Rate	25fps
Video	
ROI	8 regions respectively for main stream and sub-stream, 6 levels for each region.
Video Compression	H.265/H264/MJPEG
H.264 Type	Low profile Medium profile High Profile
Video Bit Rate	32 Kbps to 16 Mbps
Bit Rate Type	Constant, Variable
Scalable Video Coding (SVC)	MJPEG , H.265 and H.264 encoding

Capture Mode	
Trigger Type	Outdoor Parking,Intelligent Detection
Picture Type	Scene Picture、Composition、Close-up Picture
Scene Mode	Parking Space Mode,Area Mode,Vertical,Vertical
Capture Type	Left to Right (In),Left to Right (In)
Capture Parameters	
Image Format	JPEG
Capture Resolution	1920 x 1200 (default)1920 x 1080,1280 x720, 704*576,352*288
Smart Recognition	vehicle entering/exiting parking space status, parking spacestatus detection,Intelligent Detection
Capture Picture Overlay	Lane No., Capture Time, Anti-counterfeiting Code, Capture No., Vehicle Entry/Exit Direction, etc
Network	
Network Storage	NAS (NFS, SMB/CIFS), auto network replenishment (ANR) together with high-end Hikvision memory card, memory card encryption and health detection are supported
Protocol	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNSDDNS,RT,RTSP,RTCP,NTP,SNMP , OTAP
API	ONVIF(PROFILE S,PROFILE G), ISAPI, SDK
Client	HikCentral,SDKdemo,DS-TPE400
Web Browser	Plug-in required live view: IE10+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Safari 11+Local service: Chrome 41.0+, Firefox 30.0+
Security	One-key restoration, password protection, watermark
Interface	
Audio	1 output (line out)
Trigger Input	Not Supported
RS-485	1-ch RS-485 serial port
Alarm Input	2-ch alarm inputs
Alarm Output	2-ch alarm output
RS-232	1-ch RS-232 serial port
Network Interface	1RJ45 10 M/100 M/1000 M self-adaptive Ethernet interface
Memory Card Slot	Not Supported
General	
Working Temperature and Humidity	-20 °C to 70 °C (-4 °F to 158 °F) 5% to 95% @ 40°C (non-condensing)
Working Environment	90% or less (non-condensing)
Protection	IP67
Weight	0.725 kg (1.6 lb.)
Power Supply	12 to 24 VDC, wide voltage
Dimensions	237.77 × 80 × 80 mm (9.4 × 3.2 × 3.2 inch)
Power Consumption	Max. 5.4 W
Weight (with Package)	2 kg (4.4 lb.)
Dimensions (with Package)	440 x 164 x 122 mm (17.3 x 6.5 x 4.8 inch)
Storage Temperature and Humidity	Temperature: -20 °C to 70 °C (- 4°F to 158 °F) Humidity: 95% (non-condensing)
Startup and Operating Conditions	Temperature: -20 °C to 70 °C (- 4°F to 158 °F) Humidity: 95% (non-condensing)

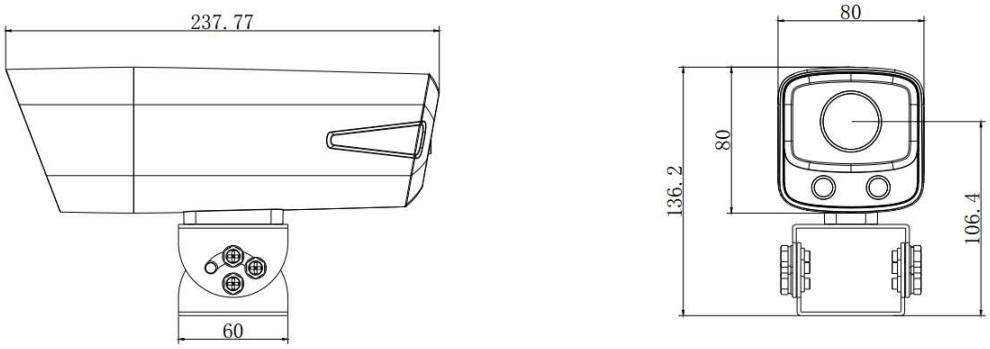
Language	33 languages: English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil), Ukrainian

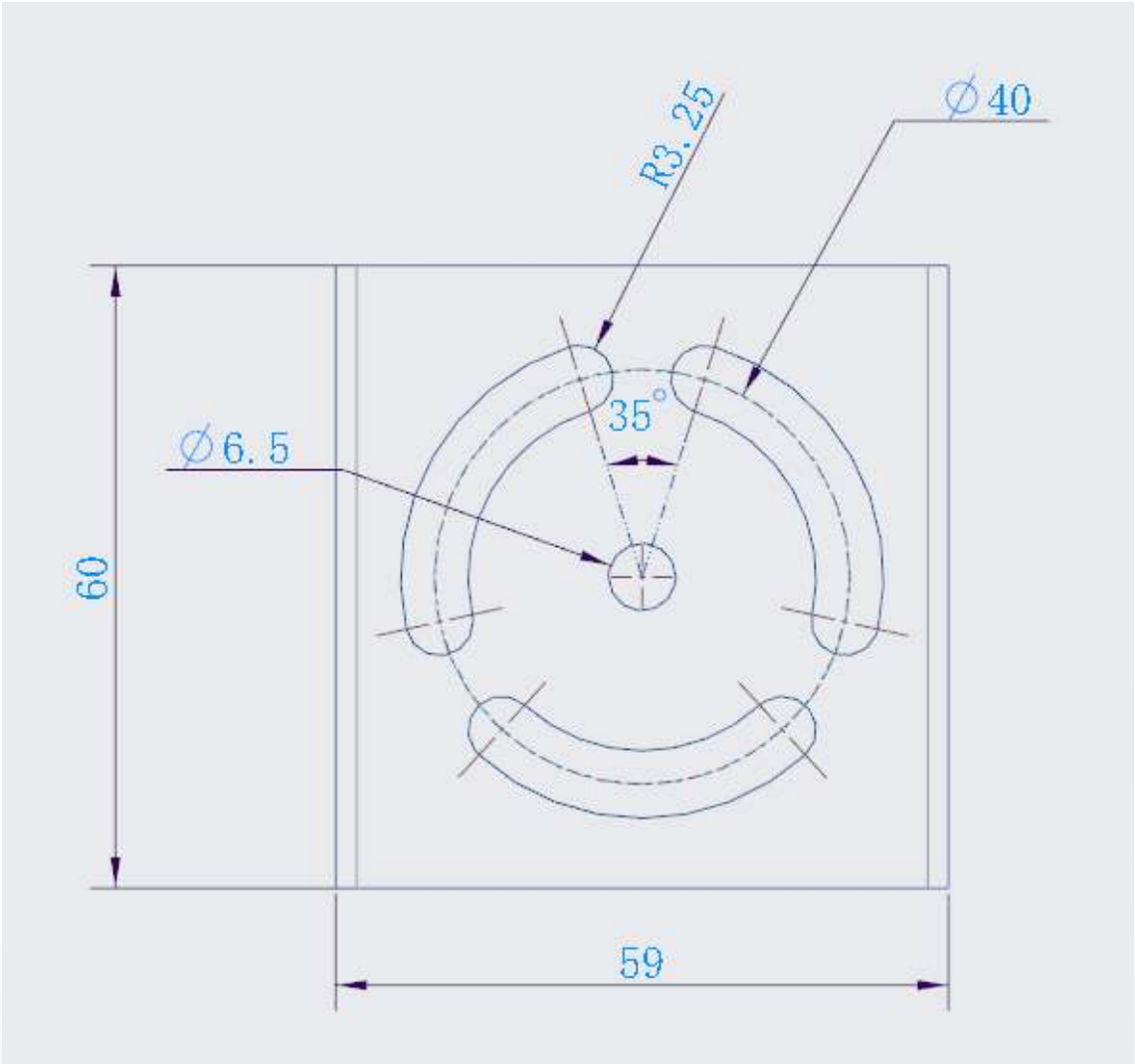
▪ Available Model

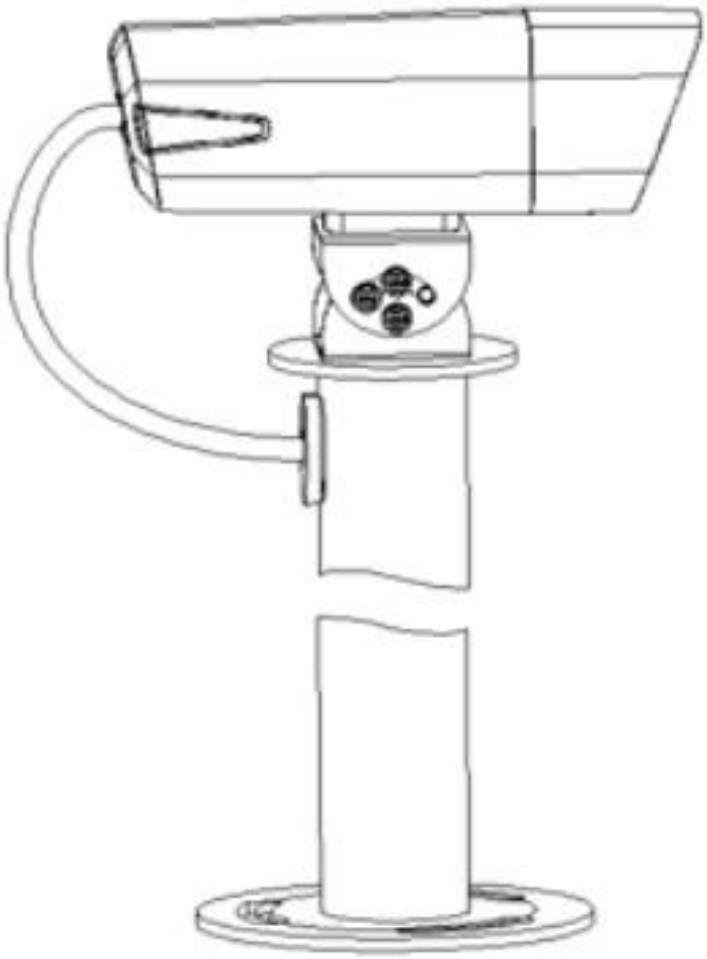
iDS-TCR204-E(3106/POE)

iDS-TCR204-E/3106(DARAE)

▪ Dimension







See Far, Go Further

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