

iDS-TCS907-CIR All-Rounder Traffic Camera



- Applicable to various events detection and vehicle feature recognition.
- 77 GHz precise radar & 9 MP GMOS sensor.
- All weather workable.
- H.264/H.265 high profile encoding, maximum full HD 4096 × 2160@25 fps real-time image output.
- Supports multi-target vehicle trajectory detection and target visualization, ranging 200 meters in the vertical direction.
- Built-in deep learning algorithm, supporting vehicle license plate/type/color/brand identification.
- Supports detection of phone calling, non-seatbelt, driving on lane line, illegal lane change, wrong-way driving, illegal parking, lane occupied by large truck, roadblock, construction, dropping objects, pedestrians, congestion, etc.
- Built-in supplement light.



▪ Specification

Camera	
Max. Resolution	4096 × 2160
Min. Illumination	Color: 0.001 Lux@(F1.4, AGC ON) B/W: 0.001 Lux@(F1.2, AGC ON)
Shutter Time	50 to 20000 us
Lens	
Focal Length & FOV	11 to 40 mm (Horizontal: 62° to 23.6°, vertical: 32.2° to 12.2°) ; 25 mm (Horizontal: 31°, vertical: 16.9°)
Video	
Main Stream	50 Hz: 25 fps (4096 × 2160, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (4096 × 2160, 1920 × 1080, 1280 × 720)
Sub-Stream	1920 × 1080, 704 × 576
Video Compression	H.264 and H.265 encoding Main stream: H.265/H.264/MJPEG Sub-stream: H.265/H.264/MJPEG
Video Bit Rate	32 Kbps to 16 Mbps
H.264 Type	Baseline profile/Main profile/High profile
H.265 Type	Baseline profile/Main profile/High profile
Network	
Protocols	TCP/IP, HTTP, DNS, RTP, RTSP
Security	User name and password authentication, HTTPS digital certificate
Web Browser	IE8-IE11, plug-in free live view supported
Image	
Image Settings	Saturation, brightness, contrast, sharpness, AGC, and white balance are adjustable by client software or web browser.
Day/Night Switch	Auto/Scheduled/Triggered by alarm in
SNR	60 dB
Image Enhancement	3D DNR
Interface	
Ethernet Interface	2 RJ45 10 M/100 M/1000 M self-adaptive Ethernet interfaces
On-Board Storage	Built-in microSD/TF card, up to 128 GB
Alarm	7 output interfaces
RS-485	3 RS-485 interfaces (half duplex, HIKVISION)
RS-232	1 RS-232 interface
Event	
Basic Event	HDD error, network disconnected, IP address conflicted, vehicle detector exception, traffic light detector exception
Road Traffic and Vehicle Detection	
Coverage	2 to 3 lanes
Smart Function	Supports detection of phone calling, non-seatbelt, driving on lane line, illegal lane change, wrong-way driving, illegal parking, lane occupied by large truck, roadblock, construction, dropping objects, pedestrians, congestion, etc.

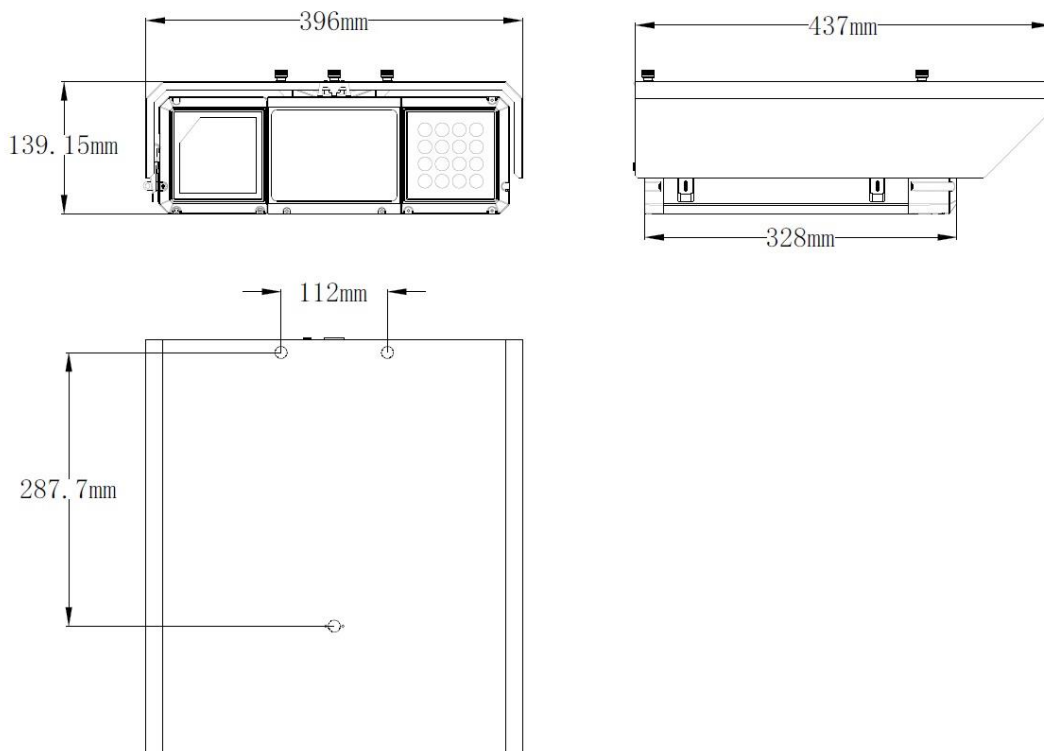
General	
Power	100 to 240 VAC 80 W MAX
Dimension	437 × 396 × 139.15 mm (17.2 × 15.6 × 5.5 inch)
Weight	7 ± 0.5 kg (15.4 ± 1.1 lb)
Operating Condition	Temperature: -30 °C to 70 °C (-22 °F to 158 °F) Humidity: < 95%
General Function	Heartbeat, password protection, NTP time adjustment
Approval	
Protection	IP54

▪ **Available Model**

iDS-TCS907-CIR/1140

**Please decide whether to use anti-corrosion devices or matched hoops and brackets according to the actual working environment.*

Dimension



Distributed by

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