

## CSR-IM

### Multiple Target High-Precision Radar



CSR-IM multiple target high-precision radar is the company's latest generation product, mainly applied for positioning and speed detection, which can support up to 3 lanes. Applied the latest technology and pioneered the concept of high-precision positioning, the radar achieves high trigger accordance with the position set in advance. It is widely applied in public security traffic capture and illegal speeding capture system. Key features including:

- Design and Implementation base on Doppler principle
- Real-time vehicle speed detection
- Provide high-precision trigger signal for capture camera
- Traffic Camera Linkage
- Dual-direction Triggering
- Support up to 3 lanes



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#### Specification

CSR-IM	
Power Supply	9 to 16 VDC
Central Frequency	24.15 GHz
Center frequency deviation	$\leq \pm 40$ MHz
Antenna Beam Width	$4.5^\circ \times 45^\circ$
Working Temperature Range	$-40^\circ\text{C}$ to $70^\circ\text{C}$ ( $-40^\circ\text{F}$ to $158^\circ\text{F}$ )
Working Humidity Range	5% RH to 95% RH
Measurement Accuracy	-4 to 0 km/h
Trigger Consistency	$\leq \pm 1$ m
Velocity Range	10 to 250 km/h
Direction Information	Support
Double Trigger	Support vehicle front & rear triggering
Multiple Lanes	Support up to 3 lanes
Traffic Information	Support
Remote Update	Support
Communication Interface	1-ch RS-485 (RS-232 optional)
Dimension	$210 \times 172 \times 50$ mm ( $8.3 \times 6.8 \times 2.0$ inch)

#### Order Model:

CSR-IM