

HUQYS



Wide area multi-target detection

8 lanes horizontally,
260 meters vertically,
256 objects tracking detection



Holographic multi-dimensional perception

Accurately locate vehicle trajectory information,
Multi-section + regional information perception



Multi-sensor fusion Multi-target radar

tracking, video forensics,
Coordinate matching and data fusion



High-precision, all-weather suitability

High-precision all-weather data collection,
Not affected by weather and light

DTAM D29-V

260m Holographic Detection Radar



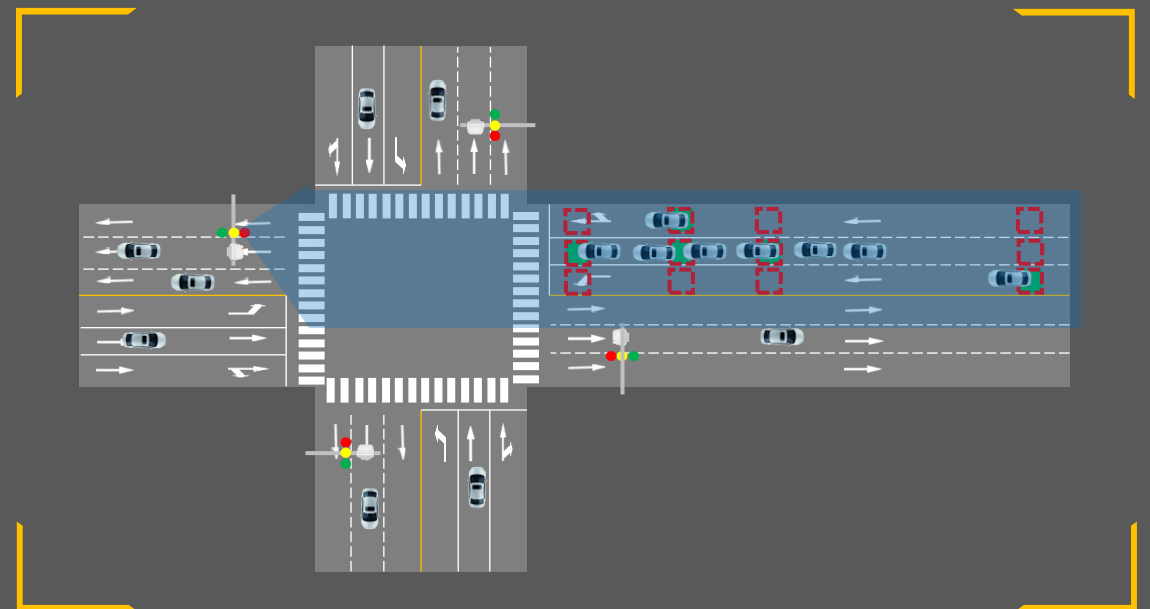
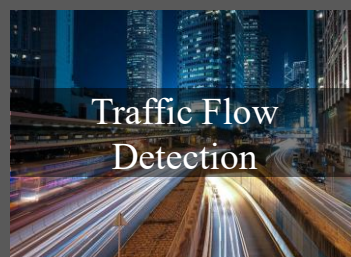
MIMO radar front-end technology

FMCW waveform design

Vehicle **trajectory tracking** algorithm

Radar-Video **Fusion Detection** Algorithm

RECOMMENDED FOR:



Basic Parameters

Detection range	25m ~ 260m
Range accuracy	0.4m
Coverage	8 lanes
Simultaneous detection	Up to 256 objects
Refresh time	50ms
Interval of velocity	-200km/h ~ 200km/h
Speed accuracy	0.1m/s
Speed Separation	≤±0.25m/s
Operating frequency	80GHz
Classification	Large vehicles, small vehicles, non-motor vehicles, and pedestrians
Statistical data	Traffic volume, queue length, occupancy status, average speed, etc.

Environmental Parameters

Working temperature	-40°C~+70°C	Humidity	0~95%
Installation height	6 ~ 8m	IP	IP67

Video

Resolution, Frame Rate	2592 x 1944 px, up to 25 fps
Video Codec	H.265, H.264, MJPEG
Sensor	1/2.5 inch CMOS
Lens	12mm fixed focus lens
Video FOV	±13°

General

Power supply	24V DC
Port	RJ45
Power consumption	≤12 W
MTBF	100000h
Weight and dimension	1600g 255*229*151mm
Material	PC

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