

HURYS



**High-Precision
Presence Detection**

Lateral 4 Lanes, Longitudinal
50m



Multi-Sensor Fusion
"Radar + Video" Fusion
Perception



**Seamless Integration
with Multiple Systems**
Replacement for
Traditional Detector

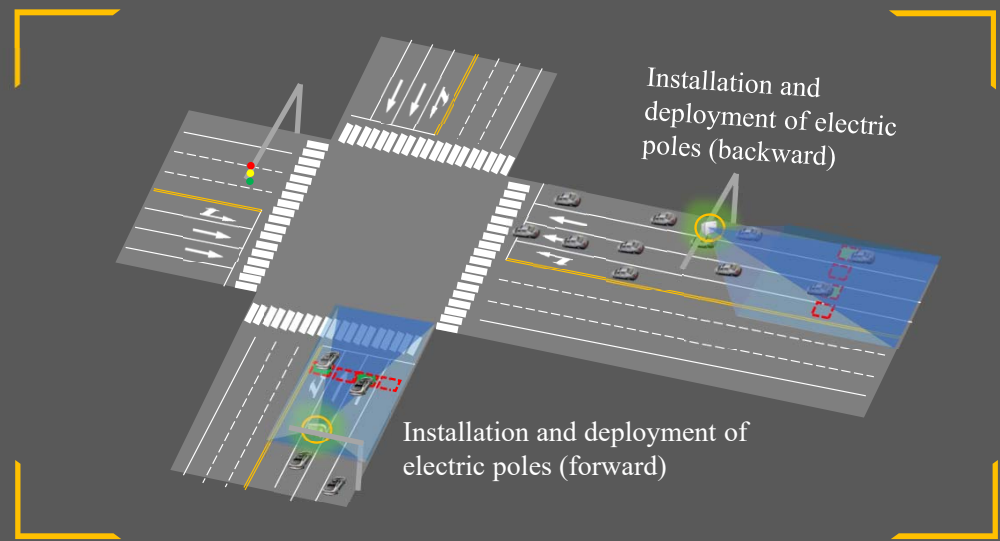


**All-Weather High
Reliability**
Unaffected by
Environment

DTAM D09-V

50m Presence Detection Radar

Multi-Channel Radar Front-End Technology **Target Signal Detection** Algorithm **Advanced Digital Beamforming** Design **Radar-Video Fusion** Detection Algorithm



WJHTR R JSIJI & TW?



Traffic Flow
Detection



Occupied state



Basic Parameters

Detection range	50m
Coverage	4 lanes in one direction
Refresh time	50ms
Detection speed	-80km/h ~ 80km/h
Simultaneous Detection	32 objects
Detection section	Stop line or single section in channelization
Test data	Passing data, statistical data (traffic, speed, occupancy, headway)
Detection accuracy	Cross-section presence detection accuracy $\geq 95\%$ Traffic flow detection accuracy $\geq 95\%$
Operating frequency	60GHz

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	6mm fixed focus lens
Video FOV	$\pm 27^\circ$

General

Power supply	24V DC
Port	RJ45
Power consumption	≤ 7 W
MTBF	100000h
Weight and dimension	1020g 232*187*105mm
Material	PC



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