



## RT3 RADAR

The GATSO RT3 is a tracking radar designed to detect and track up to 12 vehicles in the coverage area at the same time. Both the speed and position of the vehicles are accurately measured, providing the system with all the data required to determine speeding and red-light violations.

The RT3 detects both approaching and receding traffic, allowing installation on whichever side of the road is more convenient for installation. In addition, the RT3 will reliably indicate the position of the violating vehicle.

Its wide coverage area and the ability to track multiple vehicles make the RT3 the ideal solution for dense traffic and busy intersections.

### KEY FEATURES & BENEFITS

- Combined red-light and speed violations
- Violating vehicle indication
- Pre- and post-event tracking
- Front and rear detection
- Triggerline freedom
- Auto-alignment
- Simultaneous tracking of up to 12 vehicles

### TECHNICAL SPECIFICATIONS

Antenna type	Planar patch array
Beam shape	Oval cone
Horizontal beam width	70° (to -3 dB)
Vertical beam width	11° (to -3 dB)
Measurement direction	Receding, approaching or both
Lane coverage	up to 5
Detection range	226 ft
Positioning	Roadside
Mounting height	2 - 20 ft
Transmitter frequency	K-band ISM
Sealing	IP66
Radiated power	Less than 100 mW EIRP
Radar accuracy	Speeds up to 62 mph +/- 1.86 mph Speeds above 62 mph +/- 3%
Approved measuring range	12 - 186 mph
Thresholds	Setting of threshold speeds between 12 and 186 mph in steps of 1 mph
Measuring sequence	5 ms

### MECHANICAL

Height	3.9 in.
Width	3.9 in.
Depth	1.6 in.
Weight	.8 lbs

### ENVIRONMENTAL

Operational temperature range (ambient)	-13°F to 140°F
Relative humidity	90 - 95% non-condensing

# GATSOUSA

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