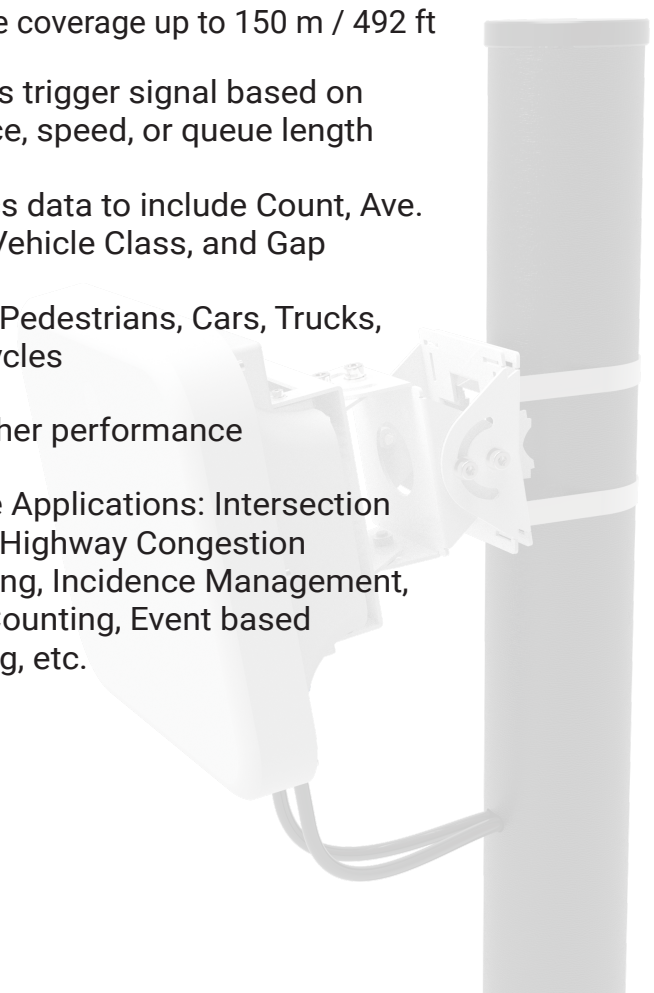


SHORT RANGE K BAND TRAFFIC RADAR

# TrackR SRk

- Forward firing 24 Ghz radar sensor
- Covers up to 6 bi-directional lanes
- Distance coverage up to 150 m / 492 ft
- Provides trigger signal based on presence, speed, or queue length
- Statistics data to include Count, Ave. Speed, Vehicle Class, and Gap
- Detects Pedestrians, Cars, Trucks, and Bicycles
- All weather performance
- Possible Applications: Intersection Control, Highway Congestion Monitoring, Incidence Management, Traffic Counting, Event based triggering, etc.



# RADAR dynamix

## TrackR SRk

PERFORMANCE	SPECIFICATIONS
Frequency Band	24 to 24.25 Ghz
Detection Range	Up to 150 meters or 492 feet
Horizontal Field of View (Azimuth)	140 °
Vertical Field of View (Elevation)	16 °
No. of Lanes Covered	6 lanes bidirectional
Range Accuracy	+/- 0.2 meter or 7.9 inches
Speed Accuracy	0.2 kph or 0.12 mph
Range of Speed Coverage	- 100 up to +100 kph or - 62 mph up to +118 mph
Simultaneously Detected Targets	128 targets of different sizes
EIRP Radiated Power	13 dbm
Refresh Rate	100 msec
MECHANICAL	
Dimensions (L x W x H)	245 mm x 225 mm x 100 mm (9.64 " x 8.85" x 3.93")
Weight	1000 grams or 2.20 lbs
GENERAL	
Operating Temperature	-40° to +70° Celsius or -40° to +158° Fahrenheit
Input Voltage	24 VDC (16 VDC to 36 VDC operating range)
Power Consumption	8 Watts
Protection Rating	IP 67
Communication Interface	R45 Ethernet

Please note that product specifications are subject to change and may not be fully reflected in this document. For the most up-to-date information, please contact us directly. Radar Dynamix assumes no responsibility or liability of any kind.

