

LONG RANGE K BAND TRAFFIC RADAR

TrackR LRk

- Forward firing 24 Ghz radar sensor
- Covers up to **8** bi-directional lanes
- Distance coverage up to **350 m / 1,100 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.

TrackR LRk

PERFORMANCE	SPECIFICATIONS
Frequency Band	24 to 24.25 Ghz
Detection Range	Up to 350 meters or 1,100 feet
Horizontal Field of View (Azimuth)	60 °
Vertical Field of View (Elevation)	10 °
No. of Lanes Covered	8 lanes bidirectional
Range Accuracy	+/- 0.2 meter or 7.9 inches
Speed Accuracy	1 kph or 0.62 mph
Range of Speed Coverage	- 190 up to +190 kph or - 118 mph up to +118 mph
Simultaneously Detected Targets	256 targets of different sizes
EIRP Radiated Power	12 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	870 grams or 1.92 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	11 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.

