

MID RANGE E BAND TRAFFIC RADAR

TrackR MRe

- Forward firing 80 Ghz radar sensor
- Covers up to **6** bi-directional lanes
- Distance coverage up to **260 m / 853 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.



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PERFORMANCE	SPECIFICATIONS
Frequency Band	79 - 81 Ghz
Detection Range	Up to 260 meters or 853 feet
Horizontal Field of View (Azimuth)	70 ° (near beam) / 20 ° (far beam)
Vertical Field of View (Elevation)	20 ° (near beam) / 12 ° (far beam)
No. of Lanes Covered	6 lanes bidirectional
Range Accuracy	+/- 0.2 meter or 7.9 inches
Speed Accuracy	0.3 kph or 0.18 mph
Range of Speed Coverage	- 100 kph to +100 kph or - 62 mph up to +62 mph
Simultaneously Detected Targets	128 targets of different sizes
EIRP Radiated Power	12 dbm
Refresh Rate	100 msec
MECHANICAL	
Dimensions (L x W x H)	220 mm x 185 mm x 100 mm (8.66" x 7.28" 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	10 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.



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