



Wanco Radar

WANVMS-RADAR

**The industry leader.**

Work zone safety is the number one issue facing road workers today. Vehicles traveling at high speeds endanger workers and increase liability. To limit risk, Wanco Radar paired with message signs and speed signs can display motorists' speed and warn them to slow down. Wanco Radar is an option for many of our products, and can be connected to other sensing and display devices.

Features

- Approach-only K-band radar
- RS232 serial port for connection to message sign control console
- Stationary mount
- Measures speeds from 5 to 150 mph (8 to 241 km/h)
- Detection range of 1500 ft. (457 m)
- FCC tested and registered
- CE compliant



Specifications†

Detection range	1000 ft. @ 5 to 85 mph (305 m @ 8 to 137 km/h)
Speed range	5 to 138 mph (8 to 222 km/h)
Accuracy	±1 mph from 5 to 40 mph, ±2 mph from 40 to 100 mph (±1.6 km/h from 8 to 64 km/h, ±3.2 from 64 to 161 km/h)
Sensor	Microwave K-band, approach-only
Frequency	24.150 ± 0.05 GHz
Antenna	Planar array
Beam width	12 degrees
Supply voltage	6 to 304V
Power consumption	150mA @ 12.6V
Protection	Fused and reverse polarity protected
Temperature range	-40 to 185°F (-40 to 85°C)
Maximum humidity	100% weatherproof, not waterproof
Measurement units	mph or km/h, factory-configured
Baud rate	1200 baud, 8 bits, no parity
Interface	RS232, DB-9 connector pinout
Housing material	Polycarbonate
Weight	1 lb. (0.45 kg)
Length	5.6 in. (14.05 cm)
Width	3 in. (7.6 cm) diameter horn 3.37 in. (8.55 cm) diameter with mounting base

†Specifications subject to change without notice.

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