



# KNOW THE **ROAD** ON-THE-GO

## **MOBILE ROAD SENSOR**

Reduce cost on winter road treatment materials

Accurately measures both air and surface temperatures

Industry leader in mobile road temperature measurement

Constant feedback on road surface conditions

Fahrenheit or Celsius readings available

Patented sealed sensor withstands tough environments

Easy to install and service

Can operate as standalone or integrated with other vehicle controls

Ability to calibrate in the field year-round

Year-round usage (snow/ice & road painting/resurfacing)



### Operating Range

Road Temp -40° to 66°C ; -40° - 150°F



RoadWatch® System Kits include:  
Sensor Head, Extension Cable  
and Temperature Display  
RoadWatch® System Kits  
849-0262-002 (Celsius)  
849-0262-003 (Fahrenheit)



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# ROADWATCH PRODUCTS

	Part Number	Description
ROADWATCH	849-0262-002	Roadwatch® System Kit (Celsius)
	849-0262-003	Roadwatch® System Kit (Fahrenheit)
	849-0242-000	Roadwatch® Sensor only kit with 12" cable (Fahrenheit)
	849-0242-001	Roadwatch® Sensor only kit with 12" cable (Celsius)
	849-0260-000	Roadwatch® Display only kit
MOUNTING	849-0099-000	Roadwatch® RS232 Adaptor Unit
	849-0017-000	Roadwatch® Pedestal Mount for Display
	849-0020-000	Roadwatch® Suction Cup Window Mount
	014-0007-000	Roadwatch® Flat Back Clamp (formerly pn SK-1501)
	GB12	Roadwatch® Grab Handle
CALIBRATOR	849-1000-000	Roadwatch® Field Calibration System (FCS)
	849-1000-104	FCS - Certified Standard Sensor
	849-1000-104RC	FCS - Recertification of Standard Sensor
	849-1000-106	FCS - Road Target Plate

## ENSURE SAFETY AND ACCURACY

Field calibration has never been easier.

The RoadWatch® Field Calibration System (FCS) is a complete and easy to use test environment. All the key pieces to provide a repeatable and accurate sensor validation are included in kit part number 849-1000-000. In addition to checking the accuracy of any infrared temperature sensor, the FCS can automatically calibrate RoadWatch® sensors dated after 2010.

- Tough powder coated steel enclosure
- High contrast OLED display
- NIST traceable standard sensor
- Special target plate simulate road surface emissivity
- Rugged hard shell storage case
- Full 1 year warranty



FCS's accuracy is shown by solid temperature reading of the target plate.



**CONTACT US FOR MORE INFORMATION**  
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