

Enhanced  
Performance



Roadwatch Safety System

RoadWatch™

## RoadWatch SS

RoadWatch SS features the most technologically advanced early warning system of road and air temperatures in the industry. Our new state-of-the-art system continuously monitors and displays air and road temperatures to a digital monitor mounted on the instrument panel. RoadWatch SS is designed to give drivers advance notice of potential road freezing before problem arises. In addition to an improved sensor, the new RoadWatch SS is easier to install or replace than our previous version.

*Your most important assets are your people...  
they deserve the best protection available...  
they deserve RoadWatch SS.*

## Simply the Best Warning System on the Road

### Technical Specifications:

- Road Temperature Accuracy:  
 $\pm 1\%$  of full scale or  $\pm 1^\circ\text{C}$
- Road Temperature Display Range:  
 $-40^\circ$  to  $+100^\circ\text{C}$ ;  $-40^\circ$  to  $+212^\circ\text{F}$
- Air Temperature Accuracy:  
 $\pm 1^\circ\text{C}$ ;  $\pm 2^\circ\text{F}$
- Air Temperature Display Range:  
 $-40^\circ$  to  $+50^\circ\text{C}$ ;  $-40^\circ$  to  $+122^\circ\text{F}$
- Operating Temperature Range:  
 $-40^\circ$  to  $+75^\circ\text{C}$ ;  $-40^\circ$  to  $+167^\circ\text{F}$
- Repeatability:  
To within  $1^\circ\text{C}$ ;  $2^\circ\text{F}$
- Emissivity:  
Factory calibrated at 0.96
- Calibration:  
Lifetime factory digital calibration



- Field of View:  
10 degrees
- Readout Scales:  
Factory set as Fahrenheit or Celsius
- Response Time:  
100 milliseconds  
(damped to 500 milliseconds)
- Operating Voltage:  
12 Volts DC (nominal)
- Current Requirements:  
60 mA @ 12V DC
- Cable Options:  
3.7 M (12 ft) or 4.9 M (16 ft), shielded
- Sensor Features:
  - 10.9 cm (4.3 in.) long anodized aluminum enclosure
  - EMI/RFI shielded electronics, truck mirror mounting is standard
  - Other mounting options are available

Total

Safety

Solution





Roadwatch Safety System

Simply the **Best Warning System** on the Road

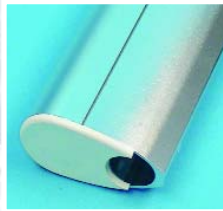
**RoadWatch SS** is the result of a continual improvement effort designed to incorporate significant changes to enhance the performance of our product. The changes you'll find described below are the result of extensive product testing, research and feedback from users. We firmly believe that the end result of these efforts is a safety system that is simply the best in the industry. Your input is invaluable and most appreciated as we proudly offer you an even safer driving solution.



RoadWatch Kit

**Easy, Quick Sensor Head Replacement:**

Outside your truck a harsh environment is waiting. Sensor heads can be damaged and the last thing you need is extensive repair time. Now, in five minutes, the sensor head can be replaced outside the vehicle without re-routing the cable.



Sensor Head

**Improved Air Sensor:**

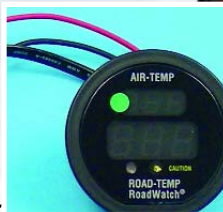
We know that the sooner you're aware of potential danger the better. RoadWatch SS responds much more quickly to temperature changes than our previous version.



Extension Cable

**Extension Cables:**

Now you can extend out to beyond the standard cabling length with extensions of 4, 12 and 16 feet and take the overall length to 60 usable feet.

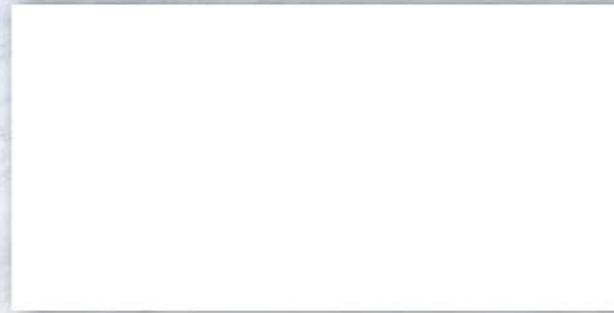


Temperature Gauge

**Flexible Cabling:**

A modest improvement but something greatly appreciated when you're routing into tight spaces under the dash or through the door.

To place an order...  
call **Customer Service**  
**800-222-7328**



Roadwatch Safety System

Simply the **Best Warning System** on the Road



**Commercial Vehicle Group**  
200 National Drive  
Vonore, TN 37885  
800-222-7328

[www.cvgrp.com](http://www.cvgrp.com)  
[www.nationalseating.com](http://www.nationalseating.com)