

SENSIT[®] VMD

VEHICLE METHANE DETECTOR



Methane Selective | 1.0-1,000 PPM/M Detection Range | Data Log with GPS Coordinates

MADE IN THE USA
WITH GLOBALLY SOURCED COMPONENTS



Innovative Detection Solutions

www.gasleaksensors.com

SENSIT[®] VMD

Conduct mobile leak surveys fast & accurately with the latest infrared technology.

SENSIT[®] VMD is a state-of-the-art vehicle mounted instrument used to detect, grade and map gas leaks along underground pipelines.

SENSIT[®] VMD is among the best performing and lowest cost optical instruments available today!

The instrument detects methane as low as 1ppm, per meter for real-time detection and logging with GPS data compatible with Google Earth.

Turn any vehicle with a front hitch into a survey instrument!

SENSIT[®] VMD is

- Accurate
- Durable
- Easy to Use
- Easy to Maintain



Find Gas Leaks Fast!

Standard Features

- Methane Selective
- Instantaneous response time
- No cables through vehicle firewall
- Data transmission via Bluetooth
- Simple user interface
- Waterproof tablet computer
- Adjustable visual and audible alarms
- Integrates with SENSIT PMD vacuum system
- Lowest cost of ownership



Displays:

- Gas Concentrations
- System Status
- GPS Location
- Detection Alarms

Other:

Simple 2 inch front mount hitch for fast set-up.



Any vehicle with front mount receiver and 12 VDC power outlet/connection can become a survey vehicle in minutes.

Variable length detector system can be fitted to any vehicle specification.



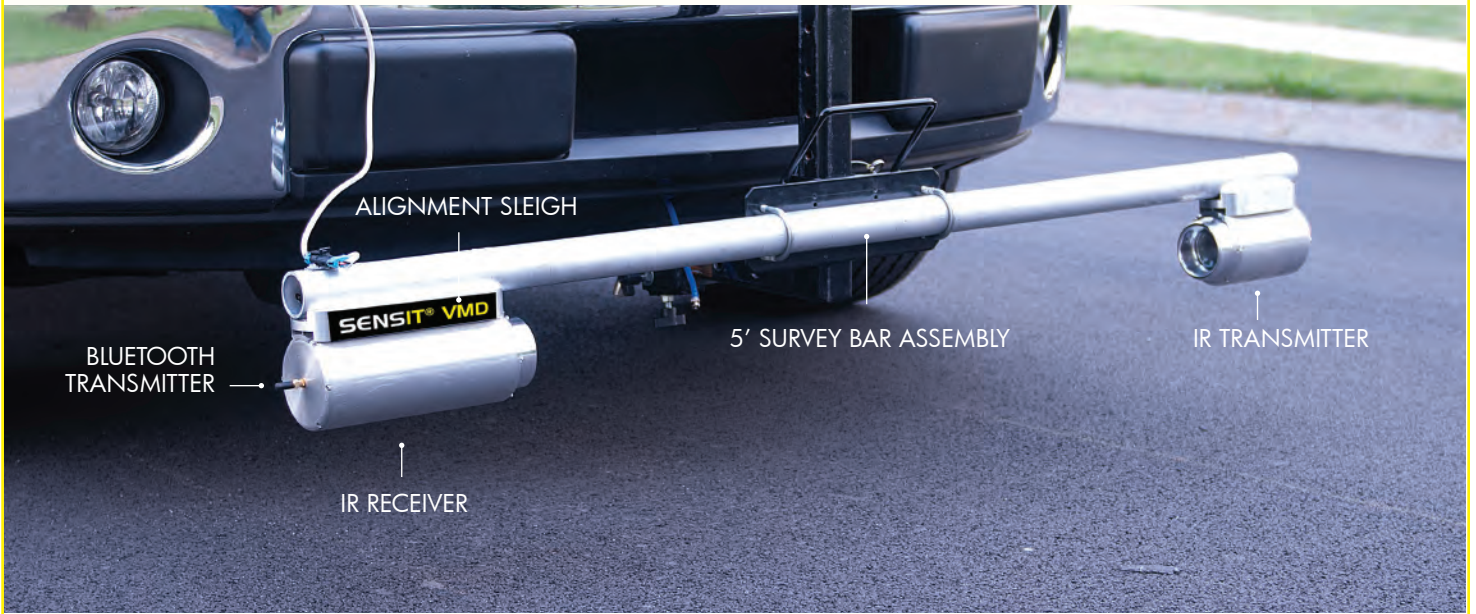
Ready for road and off-road surveys.



Designed for easy installation and portability.



Adjustable height for safe driving speeds.



SENSOR SPECIFICATIONS

TYPE	RESOLUTION	RANGE	ACCURACY
PPM*	0.1ppm	1.0-1000 PPM /Meter	±10% 2ppm-m

*Measurements conducted at 25 mph

STANDARD KIT

5 Ft. Survey Bar Assembly with Transmitter and Receiver
 Tablet PC
 GPS Interface
 Bluetooth Interface
 Calibration Cell

OPTIONAL FEATURES

VMD Vehicle Mounting Kit
 VMD Shield
 PMD Vacuum Kit
 PMD Vacuum System

PRODUCT SPECIFICATIONS

Size:	4 ft. and 5 ft. path length (5 ft. Standard)
Weather Resistance:	IP 54
Operational Temp:	-22 to 122° F (-30 to 50° C)
Power Requirement:	12-16 VDC / 60w



VMD Shield



Vehicle Mount Vacuum + Optical Systems

SENSIT® VMD Instrument

SENSIT VMD Part #928-00000-05

Included: 5 Ft. (Standard) Survey Bar Assembly with Transmitter and Receiver, Tablet PC, Tablet Mounting Kit, Bluetooth Interface, GPS Interface, Calibration Cell

SENSIT VMD SYSTEM Part #928-00000-50

Included: Vehicle Mounting Kit, VMD Shield, 5 Ft. (Standard) Survey Bar Assembly with Transmitter and Receiver, Tablet PC, Tablet Mounting Kit, Bluetooth Interface, GPS Interface, Calibration Cell

SENSIT® VMD Parts

5 Ft. Survey Bar Assembly Part #882-00105

IR Transmitter Assembly Part #882-00090
IR Receiver Assembly Part #882-00084
Bluetooth Antenna for VMD IR Transmitter Part #360-00446

VMD Tablet PC Part #360-00395
Bluetooth Antenna for VMD Tablet Part #360-00482
GPS Antenna for VMD Tablet PC Part #360-00471

VMD Tablet PC Mount Kit Part #870-00074
VMD Tablet PC Mount Base w/2" Ball & Clamps Part #360-00473
VMD Tablet PC Mount Arm Part #360-00474
VMD Tablet PC Mount Plate Part #360-00475

VMD Calibration Cell Part #882-00092-SN

VMD Shield Part #870-00076

Instruction Manual Part #750-00064

Survey Bar Lengths

4 Ft. Survey Bar Assembly Part #882-00104

5 Ft. Survey Bar Assembly Part #882-00105

Vehicle Mounting Kit

VMD Vehicle Mounting Kit Part #870-00052

Included: Bar Bracket, L Bracket, Jam Bolt, Hitch Pin, Hitch Stabilizer
(For use with 2 inch front mount hitch, not included)

Mounting Kit Parts

Bar Bracket Part #360-00428
L Bracket Part #360-00427
Jam Bolt Part #360-00426
Hitch Pin Part #330-00078
Hitch Stabilizer Part #360-00429

PMD Vacuum Mounting Kit

PMD Sampling Bar Assembly 2" Boots Part #870-00059

Included: Bar, Cones, Tubing
(For use with PMD. PMD, External Pump, Floor Mount Bracket not included)

Vehicle Vacuum System Part #870-00057

Included: Bar, Cones, Tubing, External Pump, Floor Mount Bracket
(For use with PMD. PMD not included)



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MADE IN THE USA
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SENSIT Technologies
is an ISO 9001:2015 certified company.



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