

SENSIT[®] VMD
VEHICLE METHANE DETECTOR



Conduct leakage surveys on underground natural gas piping systems fast, efficiently and accurately with the latest in open path infrared technology.

MADE IN USA



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
- Made in USA



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.



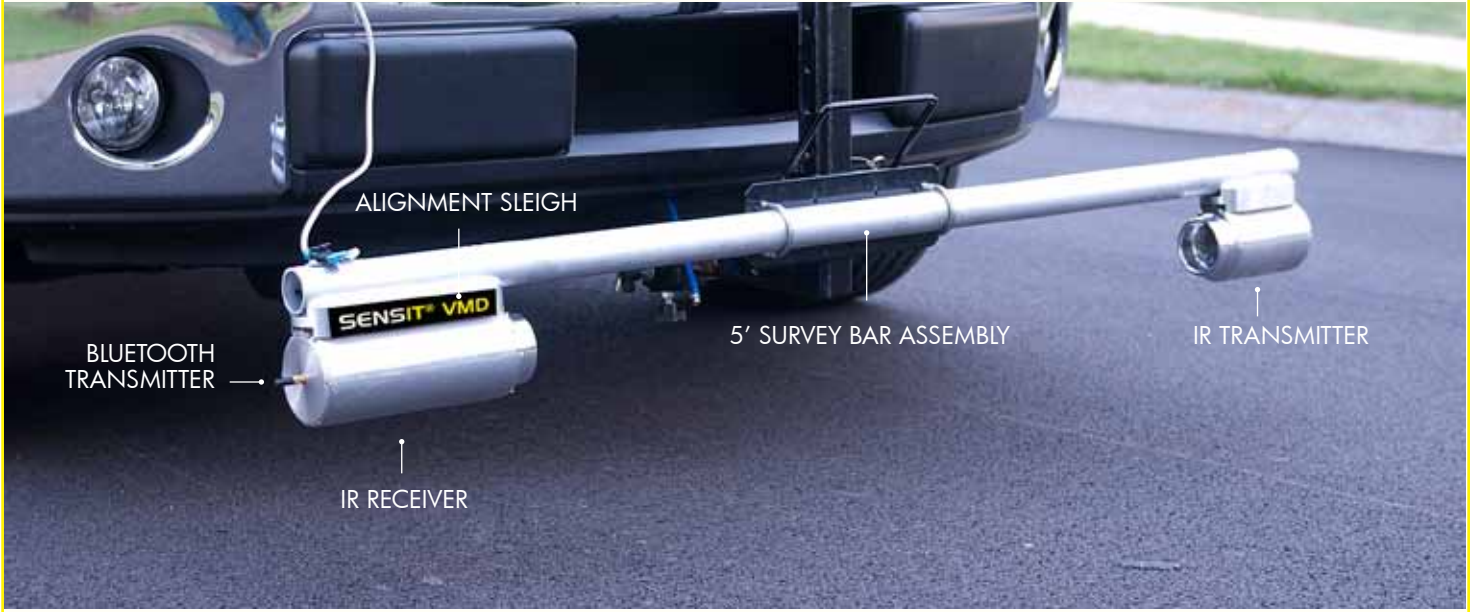
Ready for road and off-road surveys.



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
- Bluetooth Interface
- GPS Interface
- Calibration Cell

OPTIONAL FEATURES

- VMD Vehicle Mounting Kit
- PMD Vacuum Kit
- PMD Vacuum System {Shown Below}

PRODUCT SPECIFICATIONS

Size:	3 ft. to 8 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

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, Bluetooth Interface, GPS Interface, Calibration Cell

Optional Survey Bar Lengths Available:

3 Ft., 4 ft., 6 Ft., 7 Ft., 8 Ft.

SENSIT® VMD Parts

3 Ft. Survey Bar Assembly	Part #882-00103
4 Ft. Survey Bar Assembly	Part #882-00104
5 Ft. Survey Bar Assembly	Part #882-00105
6 Ft. Survey Bar Assembly	Part #882-00106
7 Ft. Survey Bar Assembly	Part #882-00107
8 Ft. Survey Bar Assembly	Part #882-00108
IR Transmitter Assembly	Part #882-00090
IR Receiver Assembly	Part #882-00084
VMD Tablet PC	Part #360-00395
Bluetooth Antenna for VMD IR Transmitter	Part #360-00446
Bluetooth Antenna for VMD Tablet	Part #360-00465
Instruction Manual	Part #750-00064

SENSIT® VMD Calibration

VMD Calibration Cell Part #882-00092-SN

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

Vehicle Vacuum Kit Part #870-00058

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 USA

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