



Laser detector, solar panel and circuit box

The **HEATH** RMLD-Remote Emissions Monitor (RMLD-REM) is based on our highly successful RMLD technology and allows for 24/7 leak monitoring of a facility. Permanent laser-based open-path alarms can detect and mitigate extremely small leaks by detecting methane in the air and transmit an immediate alert to the appropriate personnel. By providing the earliest possible indication of a gas release an operator can minimize potential incidents, reduce greenhouse gas (GHG) emissions and increase their dispatch speed for responders to investigate any possible release of natural gas, and mitigate small to potentially explosive leaks. The sensor is currently in field tests at several facilities across the United States.

COMPONENTS:

- **Laser detector** - projects infrared beam with 1 ppm.m sensitivity to methane
- **Reflector** - reflects laser back to detector
- **Circuit box** - processes and uploads laser data to the cloud
- **Solar Panel** - Provides an independent power source

FEATURES:

- **Wireless data collection to cloud server**
- **Solar or AC powered**
- **Easy installation & alignment**
- **Immediate alerts of emission events**
- **Emission detection, enables operator ability to assess situation and plan proper response**



Laser detector close-up



Reflector