

# Safe Roof Systems Inc

Roof deflection monitoring



[www.saferoofsistemas.com](http://www.saferoofsistemas.com)

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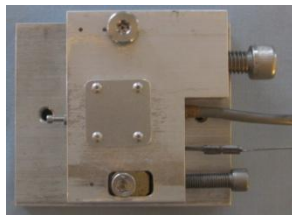


- The DMD-1000 is a patented Infrared roof monitoring system
- Used by schools, movie theaters, and distribution companies for 10 years to affordably monitor for roof deflection
- Safe Roof Systems is located in Mattapoisett, MA and the DMD-1000 system is 100% made in the USA.

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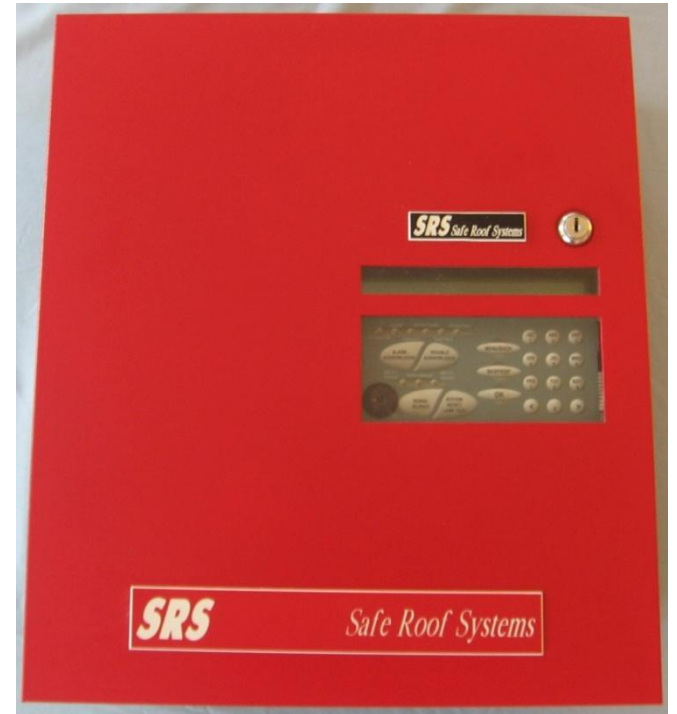
# What is the DMD-1000?

- Programmable central control panel uses Infra red sensor “zones” to monitor for excessive roof deflection.
- control panel can also received input from shear devices, strain gauges, moisture meters, and other monitoring devices
- Each zone can be up to 600’ wide and include any number of calibrated “targets”
- Expandability allows the system to be tailored to suit the specific needs of each installation
- Monitoring system connects to building alarm system and remote monitoring services



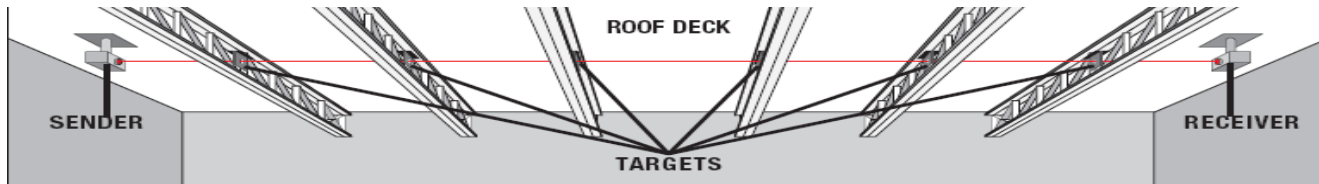
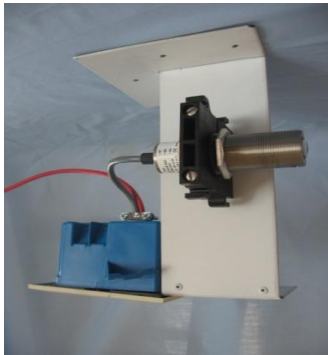
# DMD-1000 central control panel

- Central control panel is typically located in a readily accessible location
- Panel can monitor any number of zones in one building or even monitor zones mounted in multiple buildings
- System can be programmed to “fault test” every millisecond or once a day
- Automatically re-sets if signal interruption is resolved



# Infra red sensor “zones”

- Infra red sensor pairs can be mounted up to 600' apart
- Any number of zones can be monitored
- Calibrated targets are mounted on roof joists along the path of the aimed infra red beam
- Sensors exceed NEMA 6P; IEC IP67 standards



# User friendly system

- System will go to alarm when the sensor signal remains interrupted for a programmed time period
- System automatically re-sets when sensors can “see” one another
  - when roof loads are relieved
  - birds, or other temporary interruption



each zone includes a “ready” light for visual conformation the system is operating normally

# Safe Roof Systems Inc

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