

Safe Roof Systems Inc

Roof deflection monitoring



www.saferoofsystems.com

Safe Roof Systems Inc

- The DMD-1000 is a patented Infrared sensor 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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Why does a roof collapse?

- Ponding loads can apply un-even stress on roof structures
- Added services on a roof often significantly increase the live loads
- Lack of long term maintenance program
- Un-even snow loading caused by drift walls or from previous building modifications



Why measure and monitor?

- Zero risk tolerance environments like schools and public arenas
- Roofs rarely just fall in, a roof deflection alarm can help prevent a serious event from developing out of a small problem
- Efficient facilities management for multiple locations
- Prioritize responses to many locations after a significant natural event.
- Monitor aging infrastructure for safety concerns pending renovations and reconstruction



Why the DMD-1000?

- Tailorable administration allows for a wide range of additional sensors and monitors
- Intelligent alarm system identifies individual sections of the roof and directs maintenance crews to the area in trouble.
- 24 x 7 x 365 structural monitoring
- Expandable after original installation
- Patented technology provides an affordable solution



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