



THE ROOF MONITORING AND ALARM SYSTEM

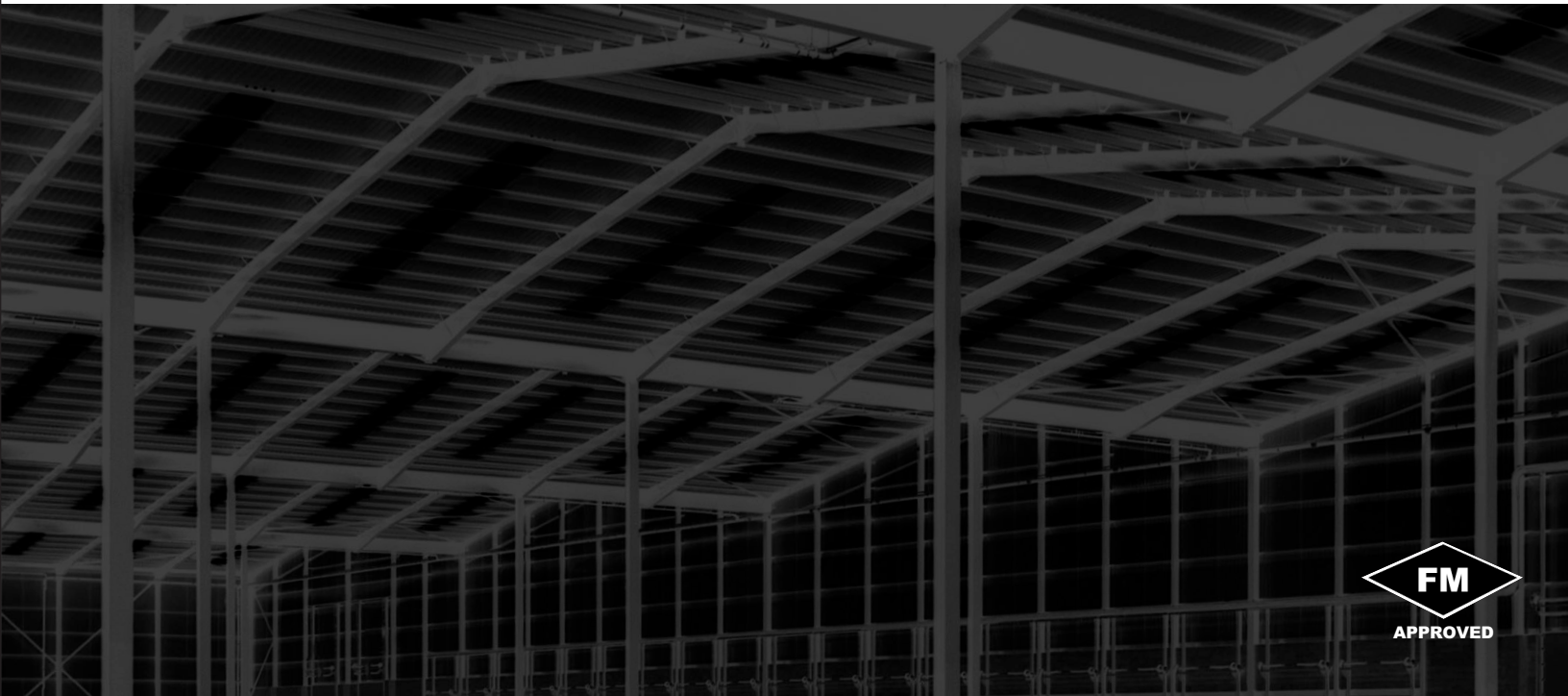
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SENTECK

DMD-1000



An Evolution in Life Safety Devices — Factory Mutual Approved



THE ROOF MONITORING AND ALARM SYSTEM

SENTECK DMD-1000

Finally, a life safety device that dramatically reduces facility maintenance costs — while guarding against catastrophic loss.

Every year, building owners and managers spend too much money unblocking drains and removing snow from flat and low-sloped roofs. Here's the dilemma. While every roof is engineered to hold some snow, water and ice, there has been no proven, economical way to determine when the extra weight on a roof is reaching structural limits. So, rather than risk life, property damage, and business interruption, you shovel — because it's better to be safe than sorry.

Now, you can be safe and slash your overhead expenses with Senteck DMD-1000.

Senteck DMD-1000 continuously scans roof loads and sets off an alarm when you need to take corrective action. It eliminates guesswork — and unnecessary roof clearing. When removal operations are required, Senteck minimizes costs by indicating whether you have to clear the entire roof or just a portion where drifting or ponding may have occurred.

In addition, Senteck DMD-1000 stays on duty 365 days a year. Proven effective by Factory Mutual, it monitors all types of live roof loads, including concert-loading in civic centers, displays hung from roof trusses in retail outlets, ceiling racks in warehouses, HVAC units, and other roof-top equipment. If any live load threatens the structural integrity of your roof, Senteck DMD-1000 lets you know — well before a crisis develops.

Senteck DMD-1000 — exclusively from Safe Roof Systems, Inc. It's guaranteed to dramatically reduce snow, water and ice removal costs every winter — and guard against catastrophic roof failure all year long.

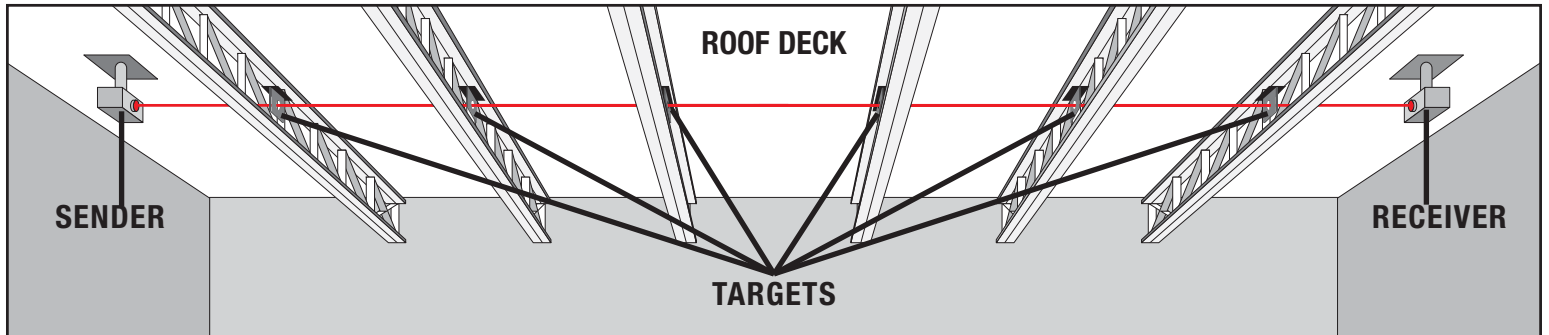
Introducing Senteck DMD-1000 — the world's only roof deflection monitoring and alarm system.

Today, there are more than 50 billion square feet of municipal, commercial, and industrial flat-roofs in the United States. Most are quite safe under normal loads. But when live loads increase — from snow build-up, blocked drains, re-roofing with increased R-values, signage, roof-top equipment, or heavy objects hung from trusses inside the building — risk of roof collapse increases as well.

The Senteck DMD-1000 helps organizations manage the risk of roof collapse economically and scientifically. Since roof trusses will bend or deflect before they break, Senteck DMD-1000 continuously measures truss deflection within 0.005 of an inch of accuracy and warns when a roof is holding between 65 to 75 percent of load capacity. Facility managers can then take corrective action before a crisis develops.



Eliminate risky guesswork. *The Senteck DMD-1000 consists of a reflectorless laser and a receiver mounted to the roof deck, and a series of optical targets attached to the top of the bar joists at the mid-point of the span. If a joist sags under load to a point where corrective action is needed, the laser beam is interrupted and the receiver activates an alarm panel, which pinpoints the problem location(s). System options include 24-hour dial paging and direct off-site monitoring.*



A unique, Factory Mutual approved safety system

Senteck DMD-1000 is a Factory Mutual approved life safety device, a new addition to the FM category that includes smoke detectors, fire alarms and sprinkler systems. But Senteck DMD-1000 does something these other life safety devices can't do. It cuts facility maintenance costs.

By monitoring roof loads and accurately gauging truss deflection, it helps building managers avoid or reduce costs associated with snow removal, drain clearing operations — and the related roof repairs that demand attention each spring. In fact, under severe winter conditions, Senteck DMD-1000 often pays for itself in one season. Then, it continues to serve as a cost-avoidance, cost-reduction tool for the life of the building. Simply, Senteck DMD-1000 is a life safety device that improves the bottom line for businesses and allows non-profit organizations to use funds for more mission-oriented tasks.

The next step in economical risk management and loss prevention

Factory Mutual highly recommends programs aimed at preventing roof collapse — with good reason. Each year, more than 3,000 roofs collapse in the United States alone, resulting in incalculable losses, including life, goods, equipment, facilities, employees, market share, customers, reputation ... plus business interruption.

While most building owners and managers are concerned about roof collapse, there have been only two ways to manage that risk: keeping roofs clear and relying on adequate insurance coverage. Now, with Senteck DMD-1000, there is a better way.

Factory Mutual, the world leader in testing new loss prevention technologies, certified Senteck DMD-1000 as an effective early warning system against roof collapse — placing it along side fire alarms and sprinkler systems as a risk management tool. A major difference between Senteck DMD-1000, fire alarms, and sprinkler systems is that Senteck can be installed at less than half the cost.





Installing Senteck DMD-1000

The installation of Senteck DMD-1000 system is a streamlined process designed to minimize business interruption.

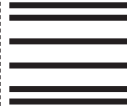
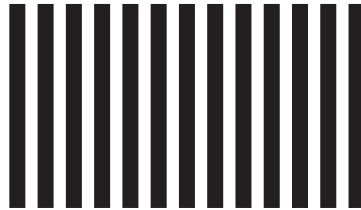
A Safe Roof Systems engineer conducts a roof audit and custom designs a system for your building(s). After you approve the plans and schedule, your Senteck DMD-1000 is installed by local, certified life safety device technicians. Trained by Safe Roof Systems, they will also be available for post-installation service and maintenance. After your system is installed, a Safe Roof Systems engineer returns for a final quality inspection, on-site training, and system activation.

Safe Roof Systems: The World Leader in Structural Monitoring Systems

Founded by engineers and facility managers, Safe Roof Systems is dedicated to providing economical, laser-based systems that reduce the risk of loss from structural collapse.

Call us at 1-877-SENTECK for more information about Senteck DMD-1000. You'll discover a company that understands the risks building owners and facility managers face — and accurate, worry-free systems that help you manage those risks.

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The 30-Second Qualifier Quiz

Here's a quick way to find whether you may need Senteck DMD-1000. Check Yes or No for each question.

- | | Y | N |
|--|--------------------------|--------------------------|
| 1. Do you have a flat roof, low-sloped roof, or pre-engineered metal building? | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Is your building more than 10 years old? | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is your building a school, hospital, nursing home, theater, Civic Center, or other structure where protecting human life is a driving force behind facility management? | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Would you classify some or all of the contents of your building as "irreplaceable assets?" | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Do you spend money to remove snow/water/ice from your roof? | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Do you regularly suspend displays, shelving, sound systems, or other heavy objects from interior roof trusses? | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Have you ever been concerned that live loads on your roof may exceed as-built specifications? | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. Do you know the live load rating of your current roof? | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. Has the dead/live load on your roof increased since the building was first constructed — e.g., a new roof with added R-value over an old roof . . . new HVAC or other mechanical equipment . . . additional signage . . . drainage deletions — or are you unsure if the dead/live load has increased? | <input type="checkbox"/> | <input type="checkbox"/> |
| 10. Are you interested in risk management recommendations by Factory Mutual, a world leader in testing new loss prevention technologies? | <input type="checkbox"/> | <input type="checkbox"/> |

Scoring: If you answered Yes to one or two questions, request a free telephone consultation with a Safe Roof Systems engineer. If you answered Yes to three or more questions, ask for a free cost-benefit analysis that shows how Senteck DMD-1000 can cut facility maintenance costs while it reduces potential for catastrophic loss. Return the attached reply card, visit www.senteck.com, or call us today, toll-free, at 1-877-SENTECK (736-8325).

Yes! I want to learn more about Senteck DMD-1000, the new FM-approved roof monitoring and alarm system from Safe Roof Systems.

How can we help? *Please check one:*

- I would like a Safe Roof Systems engineer to call me. The best time to call is _____ between _____ and _____.
- I would like Safe Roof Systems to prepare a free cost-benefit analysis to demonstrate how Senteck DMD-1000 can reduce my facility maintenance costs. (Please supply the following information):
 Type of building: _____ Roof area: _____ (sq. ft.)
 Type of roof(s): _____ Age of roof(s): _____ Age of building: _____
 5-yr. average annual cost for roof snow removal and related repairs: \$ _____
 I would like an on-site roof audit by a Safe Roof Systems engineer.
 Other: _____

Name _____ Company _____
 Address _____ City _____ State/Zip _____
 Telephone _____ Fax _____ Email _____
 You can also reach Safe Roof Systems on-line at: senteck.com or toll-free at 1-877-SENTECK (736-8325). **Thank You!**

Call us at 1-877-SENTECK for more information about Senteck DMD-1000. You'll discover a company that understands the risks building owners and facility managers face — and accurate, worry-free systems that help you manage those risks.

SAFE ROOF SYSTEMS, INC.



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