

Snow-covered Roof Monitoring Solution



With our solution for snow-covered roofs, avoid unnecessary snow removal. Save money on snow removal operations while improving the safety of your buildings, no need to compromise.

How It Works



Our wireless sensors are installed on your building's structure and our engineers calculate the structure's **maximum capacity**.



Our sensors measure the **weight of the snow** at key strategic points on your roof.



Data is **cross-referenced with weather forecasts** and displayed in our web application, showing you which areas need snow removal.



Alerts are sent as soon as critical thresholds are reached, allowing you to take proactive action.

Why Monitor your Snow-covered Roofs

/01 Avoid operational downtime and roof collapse risks

Monitor snow accumulation in real time and take action before it becomes critical.

/02 Reduce snow removal costs

Limit interventions to the strict minimum thanks to precise monitoring of the snow load on your roof.

/03 Optimize your snow removal efforts

Determine whether snow can be redistributed instead of removed, reducing efforts and costs.

/04 Improve the safety of your employees

Avoid unnecessary climbing on the roof for inspections or shovelling, reducing the risk of accidents.

/05 Protect your roof membrane from unnecessary damage

Reduce the risk of membrane deterioration caused by snow removal tools by reducing the number of interventions.

Solution Characteristics

Communication	LoRaWAN 900 MHz
Data transmission frequency	60 minutes (adjustable)
Power supply	Lithium battery D 3.6 V / 19 Ah
Battery life	8 years
Range	1.5 km Obstacle-free
Ingress Protection	IP67
Dimensions	130 x 90 x 20 mm

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