

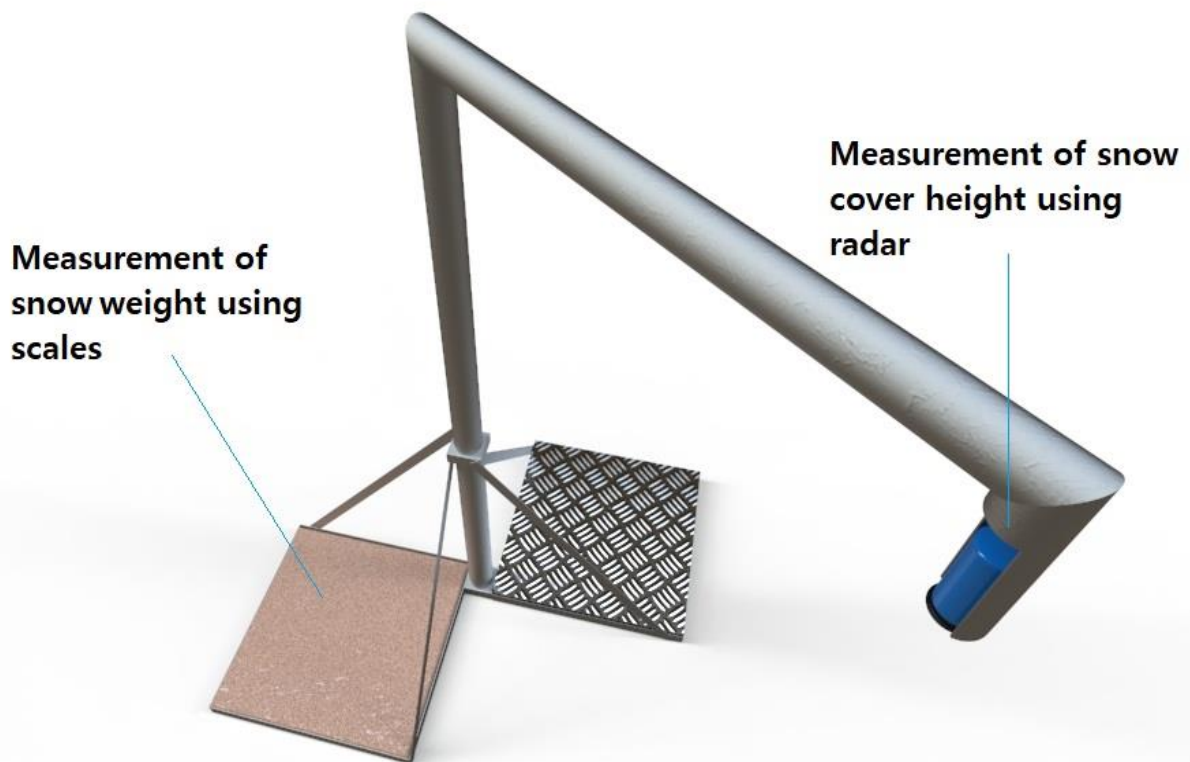
Product description:

KSK Developments is launching an innovative sensor system tailored to monitor snow loads on various surfaces and alert when snow removal is required. This enhances safety and cost-efficiency by necessitating snow removal only when necessary. The system uses radar and scales to deliver real-time data on the snow's weight and depth, vital for ensuring safety in public spaces and improving operational efficiency for property management. The sensors are designed for straightforward installation and minimal maintenance, effectively preventing excessive snow build-up in diverse settings such as sports arenas, public facilities, educational institutions, and logistical hubs.

**Technical specification:**

Power supply:	3,6 VDC
Current consumption:	120mA (peak)
Power circuit protection:	1A
Detection:	Radar
Connection:	Wireless connection LoRaWAN 868MHz
Ingress protection:	IEC IP68
Working conditions:	-40° to + 70° C;
Communication protocol:	LoRaWAN

The system includes surfaces-mounted scales for automated, continual measurement of loads, requiring minimal maintenance and no structural modifications. The snow density radar, also positioned on the surface, gauges the snow layer's height and compiles data to assess the total load.



Markings:

The product is marked with the mark CE

Warnings:

Improper use:

KSK Developments allows the device to be used only as intended, i.e. to monitor sensor parameters.

KSK Developments is not responsible for any damage related to the use of the system contrary to its intended use.

Incorrect connection:

The device is designed to work with a rated voltage of 3.6 V. Connecting a different voltage may cause irreparable damage to the equipment.

KSK Developments is not responsible for damages related to incorrect connection of the device.

About:

This document is for a system developed by the company KSK Developments sp. z o.o.

KSK Developments reserves the right to revise this publication and to make changes to the content from time to time without obligation to notify persons or organizations of such revisions or changes.

KSK Developments and logo KSK Developments are trademarks of KSK Developments sp. z o.o.

All other products, names, and services are trademarks or registered trademarks of their respective owners.

© 2024 – All rights reserved.