

THERMWIRE

CS-AS Outdoor Snow Sensor

- Electronic Snow and Ice Sensor
- Energy Efficient Algorithm
- 24VAC Operated
- Mounts on CS-MB Metal Rustfree Mounting Bracket or Vertical Pole
- 4 Vertical Spikes to Prevent Birds Nesting
- Plastic Cap for Summer Time – Protect from Dust and Dirt
- Up to 4 CS-AS Sensors can be Daisy Chained into One ChromaMelt Controller
- 4 Wires Installation – 30 ft. Cable Supplied with the Sensor
- Simple User Interface for Parameters Set from Controller
- Adjustable RH Sensitivity from Controller
- Technician Testing/ Commissioning Mode for Easy and Fast System Test all Year Long (even during summer or at high temp)
- RoHS

Specifications and Ordering Information

Model Number	PCN	Stock
CS-AS Outdoor Snow Sensor	514562	S
CS-MB Wall Mounted Adjustable Bracket	514597	S



Description

The CS-AS is a stylish, smart and reliable Snow and Ice sensor. Installed outdoors it measures the temperature and detects snow, sending the information via the controller to the heating system.

The CS-AS is connected to the Snow Melting Controller with a 30 feet (10 m.), 24V 4 wire cable and communicating with the controller, providing the temperature value and the snow detection based on the adjustable parameters.

The plastic "igloo" shape design helps to assure reliable Snow/Ice detection as it prevents from the snow to accumulate around the sensing area. The 4 holes around the sensors were designed to hold the Anti Nesting spikes, keeping birds away from the sensor.

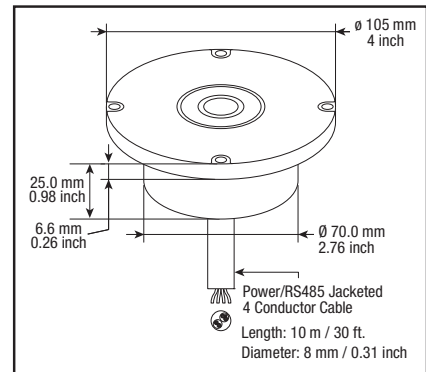
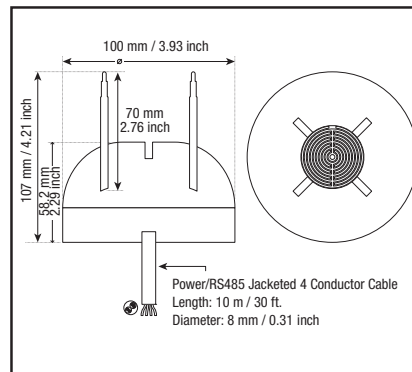
The sensor cap helps to keep the sensing area clean from dust and dirt during summer time and when the snow melting system is not used.

The measured temperature and the snow detection are visible on the controller display.

The ChromaMelt system can work with up to 4 CS-AS Snow Sensors daisy chained one after the other and link the 4 output zones of snow melting to the controller. A special sensor with pre-defined address is needed as an additional sensor besides the CS-AS who is active as #1. CS-AS #2, CS-AS #3 and CSAS #4 are the required sensors when 2, 3 or 4 sensors are needed.

Each snow sensors must have different MAC (Media Access Control) address in order to communicate with the main board.

Dimensions



Optional Wall Mounting Bracket

