

PRODUCT CODE

AIRsense



PRODUCT DESCRIPTION

The AIRsense 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 AIRsense is connected to the Snow Melting Controller with a 30ft (10m), 24V 4 wires 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 backlit LCD display of the controller.

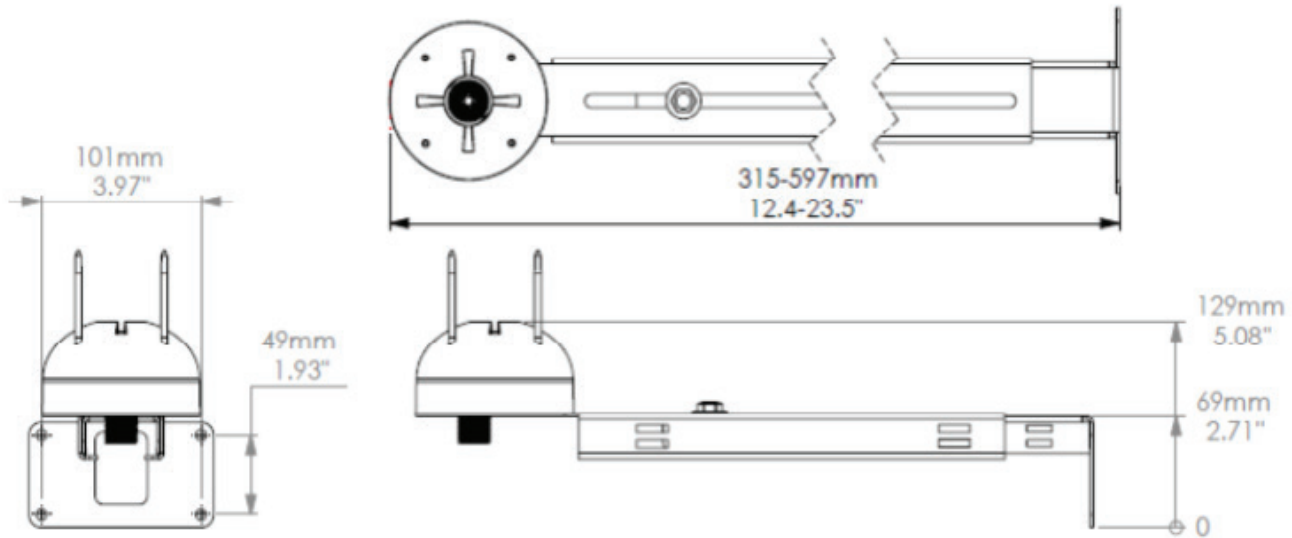
The system can work with up to 4 AIRsense - Snow Sensors chained one after the other and link the 4 output zones of snow melting to the AIRsense. A special sensor with pre-defined address is needed as an additional sensor besides the AIRsense who is active as #1.

AIRsense2, AIRsense3 and AIRsense4 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.

FEATURES

- Electronic snow and ice sensor
- Plastic cover for off-season protection
- Plug & Play on RESIBOX-120 and COMMBOX-600 panels
- Adjustable set points
- Maintenance: Pre-Season test modes

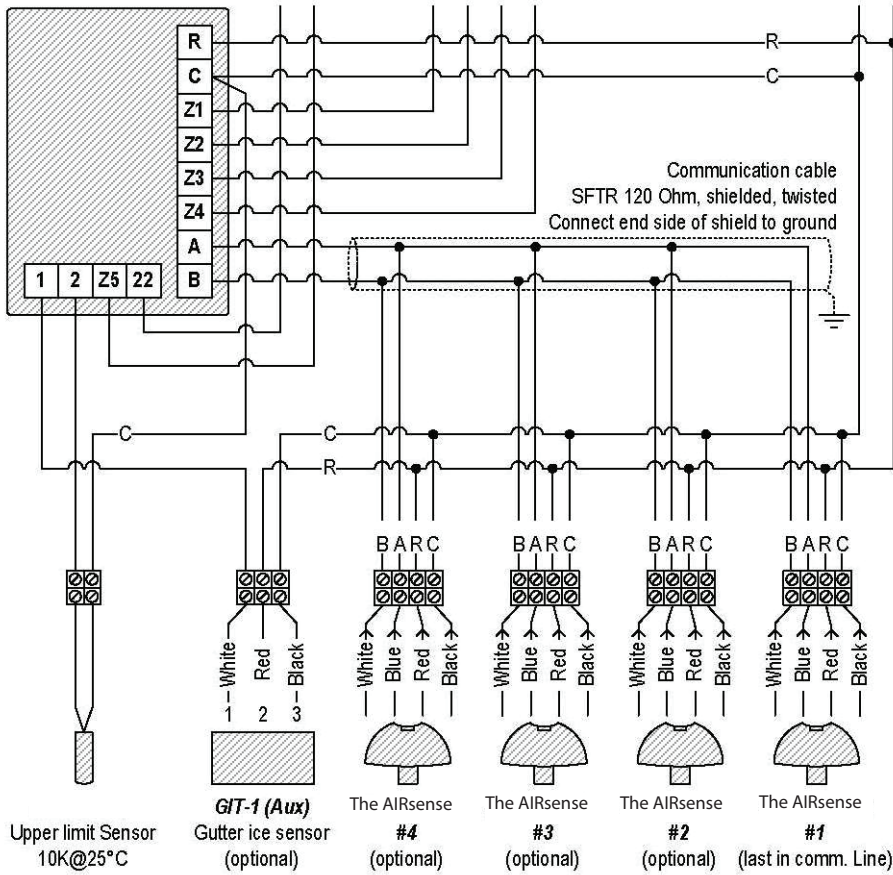
DIMENSIONS



TECHNICAL SPECIFICATIONS

Enclosure Protection	IP65, Outdoor Mounting	Material	ASA WR9160
Entries	33ft (10m) Four wires cable: <ul style="list-style-type: none"> • 2x18AWG supply wires • 2x22AWG communication wires optional: can be lengthened up to 450 ft. with extended wire 	Supply	24VAC±20%,50-60Hz,4W
Mounting	Outdoor mounting on metal holder or vertical pole. NPT ½" Thread.	Communication	RS485
		Operating temp.	-40°F to 122°F (-40° C to 50°C)
		Storage temp.	-50°F to 158°F (-40°C to 70°C)

WIRING DIAGRAM



TECHNICAL SUPPORT

Warmup is available 24/7/365 at (888) 927-6333.
For quotes, layouts and specific technical information, contact us at:

Warmup USA
52 Federal Rd #1F, Danbury, CT 06810
(888) 927-6333
us@warmup.com

Warmup CANADA
374 Wellington St W, Toronto, ON M5V 1E3
(905) 990-2075
ca@warmup.com

RELATED PRODUCTS

- RESIBOX-120 - see WSC-0928
- COMMBOX-600 - see WSC-0927
- GIT1 - see WSC-1204

