Product Name : Modbus RTU Ultrasonic Snow Height Sensor

Product Code : USHS-MB

Overview

Ultrasonic Snow Height Sensor is a sensor designed for precise and non-contact snow height measurement by calculating the travel time of sound pulses created with ultrasonic technology.



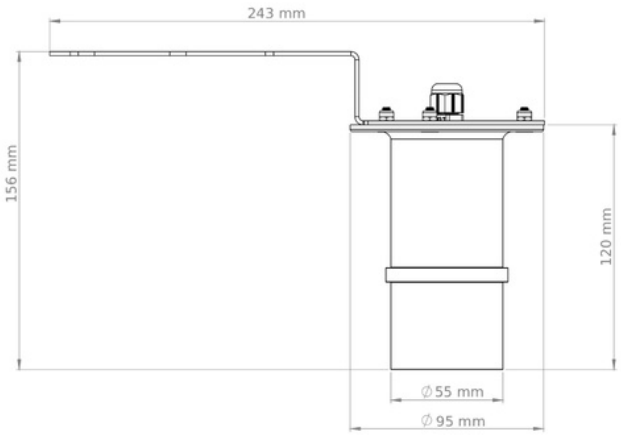
Application Areas

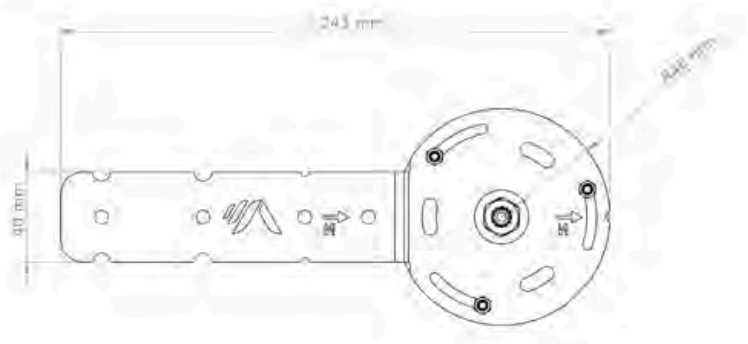
- Solar Power Plants
- Wind Power Plants
- Meteorological Applications
- Agricultural and Greenhouse
- Industrial Applications
- Maritime and Ports
- Forest Regions
- Highway Applications

Electrical Specifications	
Measurement Range	: 0.2 ~ 6 m (20 cm ~ 600 cm)
Close Gap Distance	: 20 cm
Truth	: ± 1 cm
Resolution	: 10 mm
Measuring Angle	: < 70°
Temperature Range	: -20 ~ 70 °C
Measurement Principle	: Ultrasonic
Connection Output	: Modbus RTU RS-485
Supply Voltage	: 9-48 V DC
Current Consumption	: 10 mA @24 VDC
Mechanical Specifications	
Dimensions	: Ø95 x 243 x 120 mm
Housing	: Aluminum, Plastic
Protection	: IP 65

Cable and Connection Specifications		
Cable Length	: 3 m	
Connector Type	: IP 67	
White	: 9- 48 V DC (+)	○
Brown	: GND (-)	●
Yellow	: Data (+)	●
Green	: Data (-)	●

Technical Specifications





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