



S-RGB-M002 Sensor

0.2 mm Rainfall (2m cable) Smart Sensor

This Rain Gauge Smart Sensor measures rainfall with a resolution of .2 mm, and 1% accuracy for rainfall rates up to 12.7 cm. The tipping bucket mechanism is mounted on a stainless steel shaft with brass bearings. This model includes a 2m cable.

Also available in a wireless model for use with the HOBOnet Field Monitoring System.

Supported Measurements:

Rainfall

Key Advantages:

- Measures rainfall rates up to 12.7 cm per hour
- Resolution of 0.2 mm
- Maximum of 4000 tips per interval
- 2m cable



S-RGB-M002 Sensor Specifications

Measurement range: 0–12.7 cm or 0–5 in. per hour; maximum 4000 tips per interval

Operating range: 0° to 50°C (32° to 122°F); survival -40° to 75°C (-40° to +167°)

Mechanism: Tipping bucket, stainless steel shaft with brass bearings

Resolution: 0.2 mm (S-RGB) 0.01 inch (S-RGA) models

Calibration: Requires annual calibration; can be field calibrated by user or returned to factory

Calibration accuracy: ±1.0% at up to 20 mm or 1" per hour

Housing: Aluminum housing and collector

Dimensions: 22.8 cm height x 15.4 cm diameter (9" height x 6" diameter), 154 mm receiving orifice (6.06")

Approximate weight: 1 Kg (2 lbs)

Cable lengths: 2 meter, 6.5 feet

Note: Comes with side bracket for post or tripod mount and feet for surface mount. If mounting separate from main tripod, order with 6m cable and an additional 1.5m mast. If mounting on main tripod, order with guy wire kit.

CE - The CE Marking identifies this product as complying with all relevant directives in the European Union (EU)

Contact Us

Sales (8am to 5pm ET, Monday through Friday)

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Technical Support (8am to 8pm ET, Monday through Friday)

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