

S-RGD-M002

## Davis® 0.2 mm Rain Gauge Smart Sensor

Discontinued

Compatible with HOBO weather stations, HOBOWare, and HOBOLink, this 0.2 mm rain gauge sensor features a plug-in modular connector for easy installation; requires no programming or extensive setup.



Compatible with  
**LI-COR Cloud® IoT Platform**

[View upgrade options](#)

### Supported Measurements

Rainfall

### Contact Us

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

- Email [sales@onsetcomp.com](mailto:sales@onsetcomp.com)
- Call 1-508-759-9500
- In U.S. toll free 1-800-564-4377
- Fax 1-508-759-9100

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

- Contact Product Support [www.onsetcomp.com/support/contact](http://www.onsetcomp.com/support/contact)
- Call 1-508-759-9500
- In U.S. toll free 1-877-564-4377

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Bourne, MA 02532

## Davis® 0.2 mm Rain Gauge Smart Sensor (S-RGD-M002) Specifications

<b>Measurement Range</b>	0 to 10.2 cm (0 to 4 in.) per hour, maximum 4,000 tips per logging interval
<b>Accuracy</b>	±4.0%, ±1 rainfall count between 0.2 and 50.0 mm (0.01 and 2.0 in.) per hour; ±5.0%, ±1 rainfall count between 50.0 and 100.0 mm (2.0 and 4.0 in.) per hour
<b>Resolution</b>	0.01 in. (S-RGC-M002) or 0.2 mm (S-RGD-M002)
<b>Calibration</b>	Requires annual calibration; can be field calibrated
<b>Operating Temperature Range</b>	0° to 50°C (32° to 122°F), survival -40° to 75°C (-40° to 167°F)
<b>Environmental Rating</b>	Weatherproof
<b>Housing</b>	UV-stabilized ABS plastic
<b>Mechanism</b>	Tipping bucket with magnetic reed switch pivots on metal shaft
<b>Dimensions</b>	16.5 cm opening diameter (6.5 in.) x 24 cm (9.5 in.) high; 214 cm <sup>2</sup> (33.2 in. <sup>2</sup> ) collection area
<b>Weight</b>	1 kg (2 lb, 3 oz)
<b>Bits per Sample</b>	12
<b>Number of Data Channels*</b>	1
<b>Measurement Averaging</b>	No
<b>Cable Length Available</b>	2 m (6.6 ft)
<b>Length of Smart Sensor Network Cable*</b>	0.5 m (1.6 ft)

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