

S-RGF-M002

Davis® 0.2 mm Rain Gauge Smart Sensor

Featuring the AeroCone® design for better measurement accuracy in high-wind conditions, this 0.2 mm rain gauge sensor is plug-and-play compatible with all HOBO weather stations.



Compatible with
LI-COR Cloud® IoT Platform



Supported Measurements

Rainfall

Features

- Streamlined design reduces the amount of missed rain capture in windy conditions, resulting in more accurate rainfall data
- Improved debris screen locks in to ensure it remains in place during high winds
- 16.5 cm (6.5") collector opening meets World Meteorological Organization (WMO) guidelines

Contact Us

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

- Email 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
- Call 1-508-759-9500
- In U.S. toll free 1-877-564-4377

Onset Computer Corporation
470 MacArthur Boulevard
Bourne, MA 02532

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

Measurement Range	0 to 10.2 cm (0 to 4 in.) per hour, maximum 4,000 tips per logging interval
Accuracy	±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
Resolution	0.01 in. (S-RGC-M002) or 0.2 mm (S-RGF-M002)
Operating Temperature Range	0° to 50°C (32° to 122°F), survival -40° to 75°C (-40° to 167°F)
Environmental Rating	Weatherproof
Housing	UV-stabilized ABS plastic
Mechanism	Tipping spoon with magnetic reed switch pivots on metal shaft
Dimensions	16.5 cm opening diameter (6.5 in.) x 24 cm (9.5 in.) high; 214 cm ² (33.2 in. ²) collection area
Weight	1.2 kg (2.7 lbs)
Bits per Sample	12
Number of Data Channels*	1
Measurement Averaging	No
Cable Length Available	2 m (6.6 ft)
Length of Smart Sensor Network Cable*	0.5 m (1.6 ft)

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