

HOBO Micro Station

4-channel weatherproof station for monitoring outdoor environmental conditions



The HOBO Micro Station offers reliable monitoring performance at industry-leading prices. Designed for stand-alone data logging applications, the 4-channel HOBO Micro Station accepts Onset's full suite of plug-and-play Smart Sensors, and is battery-powered for up to one year.

Supported Measurements:

Temperature, Relative Humidity, Dew Point, Wind Speed, Wind Direction, Rainfall, Soil Moisture, Solar Radiation, PAR, Barometric Pressure, Leaf Wetness, 4-20mA, Voltage Input, Pulse Input, Light Intensity

Key Advantages:

- Improved weatherproof enclosure for harsh environments
- Compact and low cost, with 4 sensor inputs
- Up to 2 DC voltage or 4-20mA input adapters

Minimum System Requirements:



Software
See pg 37



Interface
Cable*



Sensor
See pg 41

► For complete information and accessories, please visit: www.onsetcomp.com

Part number	H21-002
Memory	512K non-volatile flash data storage
Operating Range	-20° to 50°C (-4° to 122°F) with alkaline batteries, -40° to 70°C (-40° to 158°F) with lithium batteries
Sensor Inputs	Up to four Smart Sensors (including multiple-parameter sensors)
Communication	RS-232 via 3.5 mm serial port
Logging Interval	1 second to 18 hours, user-specified interval
Time Accuracy	0 to 2 seconds for the first data point and ± 5 seconds per week at 25°C (77°F)
Battery Life	1 year typical, up to 10 sensors w/10 minute or longer logging interval, 4 AA alkaline batteries (included)
Dimensions	8.9 cm H x 11.4 cm D x 5.4 cm W (3.5 x 4.5 x 2.125 in)
CE Compliant	Yes

*USB interface cable. See page 43