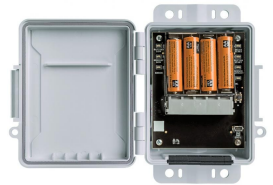
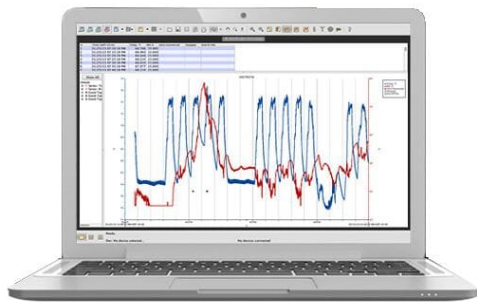




# EnviroTrack Weather Station & Data Logger - USB Data Communication

## Product Images





## Short Description

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The EnviroTrack Weather Station & Data Logger is designed to meet World Meteorological Organization (WMO) guidelines and is ideal for monitoring microclimates.

## Description

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The EnviroTrack Weather Station & Data Logger is designed to meet World Meteorological Organization (WMO) guidelines and combines proven technologies from leading meteorological equipment manufacturers.

The rugged and compact multi channel system is battery powered and supplied ready to start tracking:

- Wind Speed and Direction
- Rainfall
- Temperature and Humidity

making it ideal for monitoring micro-climates.

A further two channels are available for additional plug-and-play smart sensors (Speak to us directly if you need more, as it is possible for us to expand the system).

Data is downloaded directly through a USB port for fast, efficient data readout to a computer.

## Buying in Bulk, or Just Want Some Helpful Advice?

Call **+44 (0)1243 558270**, click on the webchat box below, or fill out our [contact form](#).

## Additional Information

|                        |  |
|------------------------|--|
| Brand                  | Onset HOBO   |
| Country of Manufacture | United States  |
| Contents               | Includes H21-USB Data Logger, Anemometer, Wind Direction Sensor, Temperature/Humidity Sensor, Rain Collector, 3m Anemometer Cable, Radiation Shield, Software, USB Cable.<br>Electronic components are housed in a weather-resistant shelter.  |
| Explanation            | These rugged weather stations are designed to offer years of service.  |
| Ideal For              | Professional, Education, Agronomy  |
| Onset Product Series   | H21  |
| Measurements           | Humidity, Rainfall, Temperature, Wind Direction, Wind Speed  |
| Typical applications   | Environmental (Outdoor), Field Research, Weather Monitoring  |
| Computer               | PC or Mac using USB connection and HOBOWare software   |
| Outdoor Unit           | <p>The H21-USB is housed in a rugged IP66 rated enclosure and features 5 smart plug and play sensor channels for the tipping bucket rain collector and temperature / humidity sensor to connect directly with. The radiation shield for the temperature / humidity sensor is supplied with fixing brackets for easy installation.</p> <p>The tipping bucket mechanism records rain every 0.2mm and is chrome plated to reduce loss through evaporation.</p> <p>The anemometer is supplied with a 3m cable to plug directly into the H21-USB unit.</p> <p>Padlock Hole Diameter: 5.8 mm</p> |
| Compatibility          | HOBOWare   |
| Sensors                | <ul style="list-style-type: none"><li>• Wind Speed</li><li>• Wind Direction 0° to 360°</li><li>• Temperature in the range -40°C to +75°C</li><li>• Relative Humidity in the range 0% to 100%</li><li>• Rainfall in mm or inches and rate in mm or inches per hour</li></ul>  |
| Dimensions             | 170.4 x 119.4 x 44.7 mm  |

|              |  |
|--------------|--|
| Batteries    | 4 X AA batteries included. Ordinarily this should last up to 1 year.   |
| Software     | <p>HOBOWare makes logger setup and readout fast and easy with simple, intuitive windows.</p> <p>HOBOWare's graphing and analysis tools allow you to plot, analyse and extract key data with a few simple clicks.</p> <p>With HOBOWare, you can easily create high-quality visual presentations of your data.</p>   |
| Installation | <p>Installation is very simple and can be carried out by almost anyone with a few basic tools. The only thing you should remember is to take care if you have to work at height.</p> <p>The outdoor sensor suite and anemometer are supplied with U clamps for a 45mm Ø pole and coach screws for a post or wall. Larger U clamps can be used up to 65mm Ø</p> <p>Installation options such as tripods and mounting pole kits are available from our <a href="#">Installation Kit</a> pages.</p> <p>The EnviroTrack Weather Station &amp; Data Logger has been designed to require very little maintenance and does not require regular recalibration.</p> |

## Additional Options

|  |   |
|--|---|
| <b>Mounting Options</b>  | HOBO 2-Metre Tripod Kit (M-TPB-KIT)     |
|  | HOBO 3-Metre Tripod Kit (M-TPA-KIT)     |
| <b>Handheld Anemometer (to help you position weather station wind sensor in optimum location for maximum wind)</b> | Kestrel 1000 (Pro-quality, made in USA) |