



New! Wireless sensors for environmental monitoring

HOBOnode[®] wireless sensors monitor temperature and soil moisture conditions and transmit the data back to your computer. They enable you to view current conditions through a remote sensor, receive alarm notifications, and log data on your PC without having to run cables through the field.

- **Temperature, Frost Alarm, and Soil Moisture Sensors** transmit current conditions to your mobile, email, or PC
- **Software** provides alarm notifications to Mobile, email, or PC
- **Possible 6 mile transmission range** (with HOBOnode Repeaters)
- **Additional sensors** can be easily added
- **Ideal for frost alarms, agricultural research, crop management, and environmental studies**



Fast, easy deployment - HOBOnode wireless sensors can be deployed in a matter of minutes. Featuring integrated, solar-rechargeable batteries, the sensors' compact design makes it easy to deploy them in nearly any type of field location. All it takes to get started is a HOBOnode Sensor, Receiver, and HOBOnode Viewer Utility Software (Free Download).



The **HOBOnode Viewer Utility** provides sensor set up and readout functions, and displays real-time graphs of temperature and soil moisture conditions. Data can be exported for use in the HOBOWare Pro data logging software (& other) spreadsheets.



Get notified - The HOBOnode Viewer Utility can be easily configured to provide alarm notifications when temperature and/or soil moisture conditions exceed set thresholds. A loud audible alarm can be set for your PC, or you can have alarm notifications sent directly to your mobile phone.



HOBOnode Network - HOBOnode wireless sensors make it easy and affordable to set up an entire remote sensor network, and add sensors when additional data points are needed. Up to 50 sensors can be used in a HOBOnode network. To simplify the set-up process, the "AutoSearch" feature in the Utility software finds any remote sensors in the field and automatically links them to the network.

HOBOnode Sensors

- W-TMB Temperature Sensor:** -40 to 100°C (±0.22°C 0 – 50°C)
- W-SMC Soil Moisture:** 0 to 100% volumetric water content (m³/m³)
- W-SYS-FR Frost Alarm Kit:** -40 to 100°C (±0.22°C 0 – 50°C)
- W-RCVR-USB Receiver:** Receives data from up to 50 HOBOnodes
- W-REPEATER:** Repeater to Receiver/Repeater distance 1.5 miles (Repeater not currently CE compatible)

A full system may require: PC, sensors, repeaters, and software. Ask our Sales Office for full details



Tempcon Instrumentation Ltd.
Unit 19, Ford Lane Business Park, Ford Lane
Ford, Nr. Arundel, West Sussex. BN18 0UZ
Tel: ++44 (0) 1243 558270 Fax: ++44 (0) 1243 558288
Email: info@tempcon.co.uk Web site: www.tempcon.co.uk