

200-WS-25 Wind Logger with Real-Time Display

The **200-WS-25 Wind Logger with Real-Time Display** is designed to provide an affordable and easy-to-use solution to monitor wind speed and direction data. It records wind speed, gust, wind direction, time and date, and battery voltage.

The wind logger records directly to a Secure Digital (SD™) card up to 2GB. No special computer interface cables are required. A new file is created and saved to the card for each day the logger is in use. Data is stored in a text file in Comma Separated Value (CSV) format and can easily be viewed and analyzed using standard spreadsheet software.

Using the recorded data is simple. The SD™ card is inserted into a card reader attached to the USB port on your computer (Windows, Macintosh, or Linux) and will then show up as a drive. To view and graph the data, click on the spreadsheet corresponding to the day of interest. Microsoft Excel, OpenOffice.org, or other spreadsheet program can be used to view, graph, and analyze your wind data.

Example of a wind logger data record:

```
date and time,speed,gust,spd count,,,,,,,,,dir,batt voltage,,,,,,,,,ck sum
2017-07-28 11:35:15, 4.6, 6.8, 95,,,,,,,,,275,3.04,,,,,,,,,218
2017-07-28 11:36:15,5.0,7.6,157,,,,,,,,,274,13.04,,,,,,,,,52
2017-07-28 11:37:15,5.8,6.8,162,,,,,,,,,273,13.04,,,,,,,,,18
2017-07-28 11:38:15,4.8,7.5,121,,,,,,,,,272,13.04,,,,,,,,,137
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Features

Easy set-up with the three front panel buttons, no computer required.

Adjustable logging interval: 10 to 50,000 seconds (e.g., a 60 sec interval will log 88 days on a 128MB SD™ card)

LCD Display: Screen displays current information and is used for configuring the data logger.

Simple menu-driven interface makes setup easy. A bright backlight makes the logger easy to use at night.

Clock: An accurate real-time clock is used to time-stamp each measurement, accurate to within 10 minutes per year.

Logging: The data logger supports Secure Digital™ or Multi Media Card™ 128 megabytes up to 2 gigabytes.

Communications: An available RS232 serial port is a feature of every wind logger.



200-WS-25 Wind Logger with Real-Time Display shown with optional temperature sensor and shield, tripod, sensor mast, and mast mounting hardware

Ordering Information

200-WS-25	Wind Logger with Real-Time Display includes 200-WS-02F Wind Sensor with 40' cable, Wind Data Logger in NEMA-4X Enclosure, 12V 7AH Battery, AC Battery Charger, SD™ Memory Card, and USB SD™ Card Reader
200-WS-02F	Replacement Wind Speed & Direction Sensor, includes 40' cable

Options

110-WS-25T	Optional Temperature Sensor, 25' cable
110-WS-25THS	Optional Solar Radiation Shield for Temp Sensor
200-WS-01B	Optional Wind Speed Only Sensor, 40' cable
200-WS-25SP	5W Solar Panel Battery Charger
190-510	5' Tripod
190-312	5' Sensor Mast
395-A	Mast Mounting Hardware