Scientech

# Anemometer logger sensor
## NUL-242

The NeuLog anemometer sensor enables measurements of wind velocity. Combined with temperature, relative humidity, dew point and barometric pressure sensors, it can be used to make very interesting weather measurements.

## Specifications

- Used in the fields of Environmental Science, Weather Science, Ecology, Biology, etc.
- The sensor is based on a rotating magnet situated within a metal coil.
- Includes an anemometer probe made from durable plastic, attached to the sensor's body by a strong rubber-coated wire.
- The sensor is pre-calibrated at the factory.
- Experiment duration: 1 second to 31 days.

| | Miles per hour (mph) | Kilometers per hour (km/hr) |
|---|---|---|
| Range and operation modes | 0 to 75 mph | 0 to 120 km/hr |
| ADC Resolution | 16 bits | |
| Resolution | 0.01 mph | 0.01 mk/hr |
| Max. sample rate (S/sec) | 100 | |

## Sensor Requirements

### Hardware

- **USB Module (USB-200)**
  Direct connection to the computer (PC, Mac, XO, or Linux)

**or**

- **WiFi Module (WIFI-201 or WIFI-202)**
  Wi-Fi communication – For any device which uses WiFi technology (ipads, Tablets, Smartphones and Computers)

- **Optional Accessories:**
  Battery Module, RF Communication Module, Graphic Display Module, Digital Display module

### Software

- Application for Windows
- Application for Mac
- Web Application for WiFi module
- NeuLog Software

### Multiple logger sensors can be used together!

Subject to Change

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