



long range  
- up to 400 m



Versions:  
type WR3-A with audible alarm  
for exceeded wind speed

WINDY WR3 is a long range portable wireless anemometer. It has handheld/portable display unit and sensor suitable for both - permanent and temporary installation. Sensor with ball bearings and life time battery ensure long period without servicing. Sensor send data every 2 second so you have instant information about wind speed anywhere in the 400 m radius from the sensor. Each sensor has his own adress so several anemometers can operate in close proximity without disturbance.

### FEATURES

- stainless steel ball bearings ensure long life of the sensor
- Lithium battery for life time operation
- long range - distance between sensor and display unit up to 400 m
- shock resistant display unit with rubber sides
- large digits on illuminated LCD display ensures excellent visibility at day or night
- low power consumption allow long operation time
- easy replaceable anemometer cups

### FUNCTIONS

- current wind speed
- maximum wind speed
- average wind speed (selectable averaging)
- all standard units (knots, m/s, Km/h, mph)
- beaufort bar graph
- temperature in Celsius or Fahrenheit degree
- wind chill - subjective ambient temperature dependent on wind speed
- alarm for exceeded wind speed (type WR3-A)

### TECHNICAL DATA

|                                     |  |
|-------------------------------------|--|
| Measurement range :                 | 0,8...50 m/s   |
| Measurement range - temperature:    | -30...+60 °C   |
| Units of measurement:               | m/s, Km/h, Knots, mph, Bft   |
| Units of measurement - temperature: | C, °F  |
| Resolution wind speed:              | 0,1 unit (under 9,9)<br>1 unit (above 10)                          |
| Resolution - temperature:           | 1 °C   |
| Accuracy - wind speed:              | +/- 3 %  |
| Accuracy - temperature:             | +/- 1 °C   |
| Averaging period - selectable:      | 2 s, 10 s, 30 s, 2 min, 5 min                                      |
| Display updating:                   | every 2 seconds  |
| Data transmission:                  | every 2 seconds  |
| Transmission frequency:             | 868 MHz  |
| Battery - sensor:                   | Lithium battery  |
| Battery life - sensor:              | > 8 years  |
| Battery - display unit:             | 2 x 1,5 V AA - mignon  |
| Battery life - display unit:        | 1500 hours   |
| Battery life with backlighting:     | 300 hours  |
| Dimensions - sensor:                | Height 160 mm,   |
| Overall diameter cup to cup:        | 120 mm   |
| Dimensions - display unit:          | 94 x 63 x 28 mm  |
| Mounting :                          | the sensor mounts on a pipe<br>with $\varnothing$ 25,4 mm diameter |

