



NAVIS

# WINDY WR3-B

Long range  
wireless anemometer



range up to  
400 m

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



## FEATURES

- stainless steel ball bearings ensure long life of the sensor
- up to 4 years sensor battery life, replaceable Lithium battery
- 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
- sound alarm at exceeded wind speed



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## TECHNICAL DATA

- Measurement range :	0,6...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) 1unit (above 10)
- Resolution - temperature:	1 °C
- Accuracy - wind speed:	+/- 3 %
- Accuracy - temperature:	+/- 1 °C
- Averaging period, selectable:	2s, 10s, 30s, 2min, 5min
- Display updating:	every 2 seconds
- Data transmission:	every 2 seconds
- Transmission frequency:	868 MHz
- Battery - sensor:	1 x 3,6 V AA Lithium battery, replaceable (included)
- Battery life - sensor:	up to 4 years
- Battery - display unit:	2 x 1,5 V AA - mignon
- Battery life - display unit:	up to 5000 hours
- Battery life with backlighting:	300 hours
- Dimensions - sensor:	height 210 mm overall diameter cup to cup 120 mm
- Material, sensor:	polyamide cups, Aluminum base
- Dimensions - display unit:	94 x 63 x 28 mm
- Mounting :	the sensor mounts on a pipe with $\varnothing$ 20 mm diametre

Spare parts: spare anemometer cups