

# WINDY SMARTPHONE ANEMOMETER

WINDY B/S  
WINDY B/SD

Windy smartphone anemometer consist from wind speed and direction sensors which wirelessly transmit real time wind and temperature data to smart phone or tablet. With free Apps you can read instant data of current, average and maximum wind speed, wind direction, temperature and view history graphs. Windy can stores the data to local folder or sends them to cloud so it can be used as a wind logger. Sensor can operate with multiple smartphones at the same time.

## FEATURES

- wireless link to smart phones and tablets via free App
- range up to 100 m
- data refresh every 1 second
- 2 years of sensors battery life
- wind tunnel calibrated
- replaceable cups vane and bearings
- displays current, average, maximum wind speed, wind direction, temperature and history graphs (on mobile application)
- wind speed alarm
- stores the data to file or send data to Navis LiveData web interface

## FREE APPS ON APPLE STORE & GOOGLE PLAY

- WINDY ANEMOMETER
- WINDY MARINE



range up  
to 100 m



## TECHNICAL DATA

- **Wind speed measurement range:**  
0,6 m/s - 50,0 m/s
- **Wind speed resolution:** 0,1 m/s
- **Wind speed accuracy:** +/- 2,5 %
- **Wind direction measurement range:** 0° - 359°
- **Wind direction resolution:** 1°
- **Wind direction accuracy:** +/- 2,5°
- **Temperature measurement range:** -30°C...+60 °C
- **Temperature resolution:** 1 °C
- **Data transmission rate:** every 1 sec
- **Range:** up to 100m
- **Battery (changeable):** 3,6 V AA lithium battery
- **Battery life:** up to 2 years
- **Bearings:** precision stainless steel ball bearings
- **Temperature operating range:** -25 °C...+60 °C
- **Material - housing:** AL/PVC
  - **cups (replaceable):** PA (NYLON)
  - **vane (replaceable):** UV resistant plastic
- **Dimensions - WS sensor:** Height 210 mm, overall diameter cup to cup 120 mm
- **Dimensions - WSD sensor:** Height 250 mm, overall vane diameter 220 mm cup to cup 120 mm
- **Mounting:** mounts on a pipe with Ø 20 mm diameter

## MODELS



**WINDY B/S - wind speed sensor**



**WINDY B/SD - wind speed and direction sensor**

## OPTIONS

Wind tunnel certificated version available

## SENSOR MOUNTING ACCESSORIES

Self levelling mounting assembly

Magnetic mounting assembly

Magnetic self levelling mounting assembly

1

## SPARE PARTS

Spare anemometer cups

2

Spare wind vane

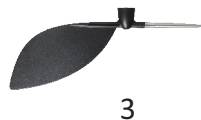
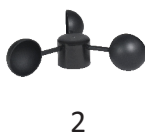
3

WS sensor head with bearings

4

WSD sensor head with bearings

5



Android application requires device with  
Android 4.3 or newer with Bluetooth BLE.

