

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 app 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.



range up
to 100 m



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
- sends data to Navis LiveData web interface

FREE APP ON APPLE STORE & GOOGLE PLAY

- WINDY ANEMOMETER



TECHNICAL DATA

- **Wind speed measurement range:**
0,7 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:** 0,5 °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 - cups (replaceable):** PA (Polyamide)
- **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 \varnothing 20 mm diameter

OPTIONS

- Individual wind tunnel tested sensors with calibration report
- Protective transport case for set with wind speed or wind direction sensor

OPTIONAL SENSOR MOUNTING ACCESSORIES

- SLMA/WS Self-levelling mounting assembly for WS sensor
- MMA/WS Magnetic mounting assembly for WS sensor
- MSLMA/WS Magnetic self-levelling mounting assembly for WS sensor

SPARE PARTS

- 1 Spare anemometer cups
- 2 Spare wind vane
- 3 WS sensor head with bearings
- 4 WSD sensor head with bearings



1



2



3



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MODELS



WINDY B/S - wind speed sensor



WINDY B/SD - wind speed and direction sensor



Android application requires device with Android 6 or newer with Bluetooth BLE.



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