

WINDY SMARTPHONE ANEMOMETER

SW-B/S
SW-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.

range up
to 100m

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 sensors
- with precision stainless steel ball bearing and replaceable cups
- displays current, average, maximum wind speed, wind direction, temperature and history graphs (on mobile application)
- wind speed alarm



TECHNICAL DATA

- **Wind speed measurement range:**
0,6 m/s - 50,0 m/s
- **Wind speed resolution:** 0,1 m/s
- **Wind speed accuracy:** +/- 3 %
- **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 90m
- **Battery (changeable):** 3,6 V AA lithium battery
- **Battery life:** up to 2 years
- **Bearings:** precision stainless steel ball bearing
- **Temperature operating range:** -25 °C...+60 °C
- **Material - housing:** AL/PVC
 - **cups (replaceable):** PA (NYLON)
 - **vane (replaceable):** Carbon
- **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

MODELS



OW B/S - wind speed sensor



SW-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

Spare sensors

4



1



2



3



4



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

