

Wireless Anemometer with Alarms

Models

- WSM W410/BAT (Standard range)
- WSM W410X/BAT (Extended range)
- WSM W410XM/BAT (Smartphone display)

Sensor Mounting Accessories

- Magnetic and/or self leveling mounting assembly

Accessories

- Magnetic receiver mounting assembly
- External antenna with 3m cable
- External YAGI antenna with 3m cable

Options

- Wind tunnel certificate version
- 50 Ohm sensor output for connecting the external antenna (SMA connector)

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



Wind Data Evolved

“With its simple installation, calibration, ease of use, and a new smart phone application, Bigfoot stands alone as the leader in anemometers.”

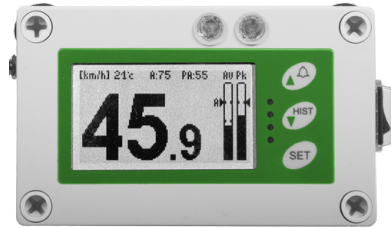
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President, Skylink Enterprises



Bigfoot Wind Meters

Technical Data



Features

- Battery powered receiver unit
- Up to 1 yr receiver battery life and 4 yrs sensor battery life
- Easy mounting
- Long range - up to 500m (1300m W410XB/BAT model)
- Shock proof display
- Replaceable anemometer cups
- Free app for smartphones and tablets (W410XB/BAT model only)

Functions

- Current wind speed & temperature
- Bar graph for current wind speed
- Bar graph for peak wind speed in last 2 min
- Alarm and pre-alarm warning lights with sound alarm
- 8 h wind speed and alarm history graph

Applications

- Mobile crane applications
- Tower crane applications
- Bridge crane applications
- Lift applications
- Wherever wind speed alarm is needed

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|---------------------------------------|---|--------------------------------------|--------------------------------------|
| Measurement Range | 0,6-50,0 m/s | Battery Life Receiver | Up to 1 yr |
| Unit of Measurement | m/s, km/h, knots, mph | Battery - Sensor (Changeable) | 3,6 V AA Lithium battery |
| Averaging Period | Selectable: 2 s, 10 s, 30 s | Battery Life Sensor | Up to 4 yrs (3 yrs WSM W410XB Model) |
| Transmission Distance | W410: 500m W410XB: 1300m 2 YAGI: 5-8x | Sensor Bearings | 2x precision SS ball bearings |
| Operating Frequency | 868 MHz, optionally 908 MHz | Sensor Housing Material | AL/PVC |
| Temp Operating Range | -25°...+60°C | Cup Material (Replaceable) | PA (NYLON) |
| Alarms | Adjus. pre-alarm (yellow) + interrupted sound | Casing Receiver | ABS, Ip65 |
| | Adjus. max alarm (red) + continuous sound | Receiver Dimensions | 150 x 80 x 55 mm |
| Sound Sig. (Integrated Buzzer) | 93dB/20cm | Receiver Weight | 230 g |
| Antenna Input (Receiver) | 50 Ohm, SMA Connector | Sensor Dimensions | Height |
| Data Transmission Rate | Every 2 seconds | Sensor Weight | 210 mm H, overall dia 120 mm |
| Resolution | 0,1 m/s | Mounting | 140 g |
| Accuracy | +/- 3% | Transmission Distance | Mounted on 20 mm dia pipe |
| Battery - Receiver | 3 x 1,5 V C Alkaline Battery (LR14) | | |

