

SENSORS – ANEMOMETER

WIRELESS WIND SPEED SENSOR



BW-WSS

Pre-calibrated wind speed sensor provides both real-time display and full logging of wind speeds. With user definable sampling rates and easy wireless installation, this anemometer makes an ideal choice for general wind speed monitoring and action planning for outdoor events

FEATURES

- Range of measurement: 5 to 125 mph
- Units: mph, fps, km/h and m/sec
- Variable sampling
- Robust fixing bracket
- Power Saving Mode
- Powered by 2 x D cell batteries
- IP67 rated enclosure
- Supplied pre calibrated

The BroadWeigh anemometer allows users to monitor wind speed in conjunction with actual loads in one simple monitoring system.

The BW-WSS measures wind speeds over the range of 5 to 125 mph and can be configured to provide readings in a number of standard units including mph, fps, km/h and m/sec.

Transmits average windspeed over a preset period. Optionally also transmits a 1, 3, 5 or 10 second gust value.

SPECIFICATIONS

MEASUREMENT

Input range	5 - 125 mph
Accuracy 5 to 10 mph	±0.5 mph
Accuracy 10 to 50 mph	±4%

BATTERY LIFE transmitting result every two seconds

Pair D cells constantly on	1 year
Pair D cells 12 sessions per day of 10 mins	6 years

POWER SUPPLY

Internal batteries (D cells)	2.1 to 3.6 Vdc
External power supply	5 to 18 Vdc

ENVIRONMENTAL

Operating temperature range	-20 to 55 °C
Storage temperature range (no batteries)	-40 to 85 °C
Maximum humidity	95% non-condensing
IP rating	IP67