

Market Tested, Market Proven **GS026 WIRELESS WIND SPEED SENSOR**

The GS026 Wind Speed Sensor from Trimble's Lifting Solutions Division offers a user-focused and cost-effective design to the market.

For applications requiring a wireless wind speed unit, the GS026 has the best market value.

Whether the application is residential, commercial, marine or heavy industrial, the GS026 offers the best value for the money based on features, functionality and radio performance.



ALREADY USING A WIRELESS GS020 WIND SPEED SENSOR?

For an easy upgrade, the GS026 Wind Speed Sensor can retrofit onto the existing mounting bracket of the previous generation of the GS020 Wireless Wind Speed Sensor.

**THE GS026 WIND
SPEED SENSOR
FEATURES A 1-YEAR
WARRANTY AND HAS
BOTH FCC AND CE
CERTIFICATIONS**

The GS026 Wind Speed Sensor ***has a communication*** ***range of 4,600 feet*** ***(1,400 meters)***



RF signals are always present in the day-to-day atmosphere. There are many products that advertise extremely long-distance communication ranges, but due to RF interference those advertised range claims can often be reduced by up to 75%.

At Trimble's Lifting Solutions Division, we have developed our own radio technology that has been market-proven in worldwide applications. Our proven technology has very minimal effect from RFI intrusion.



Our most cost-effective wind speed system includes:

GS026 Wind Speed Sensor

**GS320 Wind Speed
Display/Receiver**



The GS026 Wind Speed Sensor can also transmit data to the GS820 and GS550 Multi-Sensor Displays, and to the GS221 Gateway Router.

For portable & compact wind speed monitoring:

MBR Series Handheld Multi-Sensor Displays

Indicates wind speed in
mph, km/h and m/s



The GS026 Wind Speed Sensor's innovative design provides users with a wide range of cost-saving features and vastly simplified product support.

Design features include:

- Communication range: 4,600 feet (1,400 meters)
- Measurement range: 0 to 150 mph (0 to 241.4 km/h) (The GS320 display shows a maximum wind speed of 99 mph)
- Typical accuracy: +/- 3 mph (+/- 4.8 km/h)
- User-replaceable wind cup assembly
- Simple and easy battery change
- Powered by either a 3.6V lithium battery or a 1.5V alkaline battery

Users can expect up to 3 years of battery life under normal operation. If wind speed was monitored continuously 24 hours a day / 7 days a week, users could expect 20 months of battery life from one "D" cell lithium battery.

The wind speed sensing element has no moving parts. The wind cup head assembly has 2 embedded magnets that pass by a reed switch in the wind speed body as the wind speed head assembly turns, producing an accurate wind value.

The GS026 Wind Speed Sensor pivots on its steel mounting bracket, useful in applications where the structure it is mounted on moves up and down, such as with cranes or other lifting equipment. This keeps the wind cups perpendicular to the wind, the ideal angle to accurately measure the wind speed.

Trimble's Wireless Wind Speed System is market-proven in the following applications:

- | | |
|---------------------------|------------------------------|
| • Residential | • Cranes / Lifting Equipment |
| • Offshore Oil Platforms | • Oil Field |
| • Commercial Construction | • Fountain Control |
| • Marine Applications | • PLC Applications |
| • Shipyards | • Aluminum Smelters |
| • Office Towers | • Agriculture |
| • Chemical Plants | • Custom Applications |

The GS026 Wind Speed Sensor is ideal in any application where monitoring wind speed is vital and a resultant action may be required.

All parts of the GS026 are molded by Trimble using a rugged UV resistant nylon composite.



Battery changes are as simple as 1-2-3:

- 1 – Turn the battery cap 90° and remove the cap
- 2 – Replace the battery with a new one
- 3 – Replace the battery cap

The GS026 comes as standard with a mounting bracket.



If a wind cup does break, users can order an inexpensive replacement wind speed head.

To remove the old head, simply pull it until it unsnaps.

The new head will easily snap into place without any recalibration necessary.



The GS026 cup design is extremely flexible, dramatically reducing wind cup breakage.



LSI-ROBWAY IS NOW TRIMBLE'S LIFTING SOLUTIONS DIVISION

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