GS020 WIND SPEED SENSOR

(ANEMOMETER)

A FLEXIBLE AND RUGGED WIND SPEED SENSOR DESIGNED FOR A DIVERSE RANGE OF APPLICATIONS

The GS020 Wireless Anemometer offers proven and effective monitoring for crane applications where wind speed monitoring is critically important.

In the crane business, wind is a potentially deadly element in the day to day operating environment.

The GS020 Anemometer offers users a very effective and proven solution for monitoring wind speed.

The GS020 has an operating range of 4,300 ft (1,300 m). You will appreciate the power behind this range when working in and around wind turbines. Wind turbines output a very strong RF signal, and our innovative technology has been perfected to work within this uncompromising environment.

Our technology is also very successful when installed on long boom lattice cranes. While a 500 ft lattice boom often presents challenges for other systems, a Trimble system will effectively and efficiently communicate with the cab mounted display.

The GS020 Anemometer can be installed with the GS320, GS550, GS553 and GS820 displays. It also works with our Wireless Gateway, which provides direct communication to a PC, PLC or proprietary display/controller.

A key installation tip is to ensure that the wind speed sensor is placed at the boom tip of the crane, as compared to the top of the crane cab. There is a vast difference of wind speed at 20' off of the ground versus a boom tip that is 200' off of the ground. There have been many avoidable accidents due to a cab-mounted wind speed sensor.

One of the major advantages of two-way radio communication is the management of battery life. When the display is turned off, the GS020 Wind Speed Sensor stops active transmission. At that point, it simply listens for the display to say that it is back online. This uses virtually no battery life.

The display also controls the radio power level of the GS020 Wind Speed Sensor. The display will automatically increase or decrease the radio power on the GS020 Wind Speed Sensor depending on the signal strength.

This ensures effective communication at all times and optimizes battery life. The typical battery life of our GS020 Wind Speed Sensor is 2 years.