

# GS320 WIND SPEED DISPLAY



## MONITOR WIND SPEED AND HELP TO REDUCE ON-SITE ACCIDENTS

The GS320 Wireless Wind Speed Display offers maximum benefit for crane applications where wind speed monitoring is critical.

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

Our GS320 Wind Speed Display and GS020 Wind Speed Sensor offer users an effective and proven solution for monitoring wind speed.

The GS320 has an operating range of 4,300 ft (1,300 m).

This range is especially effective when working in and around wind turbines. Wind turbines output a very strong RF signal, and our innovative technology has been perfected to work in 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 GS320 Display will show the wind value in MPH or meter per second. You will also be able to set a wind speed warning limit which will provide an audible and visual alarm when the limit has been reached.

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 have been many avoidable accidents due to a cab-mounted wind speed sensor.

One of the major advantages of Trimble's two-way radio communication is the management of battery life. When the GS320 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 process uses virtually no battery life.

The GS320 also controls the radio power level of the GS020 Wind Speed Sensor. The GS320 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.