

PASPORT WEATHER/ANEMOMETER SENSOR

This guide covers the major features of this product - it does not cover all of the available functions. This guide is not intended to replace the original equipment manual. Please refer to the manual for more detailed operating instructions and safety information.

EQUIPMENT DESCRIPTION

The PASPort Weather/Anemometer Sensor [1] measures:

- Wind Speed (0 to 104 km/h): Can be measured in units of metres per second (m/s), kilometres per hour (km/h), miles per hour (mph), knots, or feet per second (ft/s).
- Air Temperature (-20°C to 55°C): Can be measured in Celsius (°C) or Fahrenheit (°F).
- Relative Humidity (0 to 100%)
- Barometric Pressure (150 to 1150 hPa): Can be measured in units of millibar (mbar), hectoPascal (hPa, which is equal to 100 Pa, or 0.1 kPa), or inches of mercury (inHg)

and works in conjunction with the Xplorer GLX. From these measurements, the sensor can also calculate wind gust speed, dew point, humidex, wind chill and absolute humidity.

This manual covers the functions and range of the sensor. For use of the Xplorer GLX, please view the associated manual.



Figure 1: PASPort Weather/Anemometer Sensor

EQUIPMENT OPERATION

1. Connect the sensor to one of the four available ports on top of the Xplorer GLX [2], or use the available extension cord between the GLX and the sensor [3].
2. An optional handle can be screwed into the side of the sensor [4]



Figure 2: Ports on Top of GLX



Figure 3: Sensor Extension Cable



Figure 4: Handle Attachment

3. Shield the sensor from direct sunlight, as this can affect the readings.
4. Position the sensor so that air flows into the rear of the windmill.



Figure 5: Front of Windmill