



- DIGITAL OUTPUT
- BRIGHTNESS CONTROL (OPTIONAL)
- 2/10 MIN AVERAGE
- MIN/MAX GUST
- M/S, KNOTS, MPH, KM/H AND BEAUFORT
- WIND VARIATION
- METEOROLOGICAL
- HYDROLOGICAL
- MARINE
- AVIATION
- INDUSTRIAL
- TRANSPORT
- CONSTRUCTION

The Gill Instruments digital WindDisplay is a combined wind speed and direction indicator available in two formats standard or marine. Wind speed information is displayed using two, 3 digit LED arrays to provide current wind speed and maximum or minimum gust data; and a double ring of 36 LEDs indicate current and average wind direction.

The WindDisplay has been designed to operate with the Gill WindObserver II and WindSonic wind sensors. WindDisplay receives data directly from the wind sensor in either Gill or NMEA mode without the need for additional interfaces. It provides the power supply for the wind sensor and can be

"daisy chained" to a second wind display to transfer wind sensor information.

Depending upon the capacity and type of cable used data transfer is possible up to a distance of 1000m.

User configurable, WindDisplay can display wind speed in various scales, mph, m/s, knots, km/h and Beaufort.

The power supply can also be configured to meet specific customer requirements.

A standard WindDisplay has 0°-359° scale whereas the marine version, designed for use on board ship, shows 0°-180° on both

DISPLAY	
Speed Display	3 digit, 7 Seg LED display, 14.3mm height
Gust Display	3 digit, 7 Seg LED display, 10.1mm height
Average	2 minutes, 10 minutes
Minimum and maximum gusts	
WIND SPEED	
Units	mph, m/s, knots, km/h, Beaufort
DIRECTION	
Direction display	36 LED's circular, colour RED
Direction average	36 LED's circular, colour AMBER
POWER REQUIREMENT	
Power supply	220Vac, or 115Vac
OUTPUT	
+15Vdc Sensor supply	
Signal transmission for daisy chain -	20mA current loop 300 Baud ASCII-Code
INPUT	
RS422 or NMEA for marine display (output from Gill anemometer)	
DIMENSIONS	
Size	144x144x94mm
Weight	800g
ENVIRONMENTAL	
Operating Temp	-30°C to +60°C
Moisture Protection	IP40
Humidity	5% to 90% RH
EMC	BS EN 50081-1: 1992 (Emissions class B)



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The WindDisplay is part of the Solent range of ultrasonic anemometers. The range is in continuous development and therefore specifications may be subject to change without prior notice.

