



*Wind speed & direction sensors for  
precision wind measurement*

*The Gill WindObserver and WindSonic range represent the very latest in wind speed & direction measurement technology. Traditional cup & vane wind sensors have moving parts which make them susceptible to wear and require regular maintenance.*

*Gill ultrasonic wind sensors are true solid-state devices and have no need for regular maintenance, making them the ideal choice for a wide range of applications, particularly those in hostile environments.*



*Gill Instruments has over twenty-five years experience in air flow measurement using ultrasonic technology and is a world leader in the field of wind measurement and weather monitoring. Gill offers the most extensive range of ultrasonic wind speed and direction sensors on the market today. With headquarters in Lymington, UK, Gill supplies products globally, both direct and through an extensive network of distributors.*



# WindObserver™

Wind Speed & Direction Sensors for Extreme Conditions

All WindObserver sensors have an IP66 rated stainless steel construction. The WindObserver 65, 70 & 75 are available with a range of mounting and connection options, and WindObserver IS has approval for use in hazardous petrochemical environments.

## WindObserver™ 65

The WindObserver 65 will monitor wind speeds up to 65m/s (145mph) and provides data via digital and optional analogue outputs. This wind sensor is particularly suitable for use in land based and marine environments.

<b>Wind Speed Range</b>	65m/s (145mph)
<b>Construction</b>	Stainless Steel
<b>Operational Temp</b>	-55°C to +70°C
<b>Weight</b>	1.4kg (50oz)
<b>Heating Option</b>	Standard Power



Base mounting options

## WindObserver™ 70

The WindObserver 70 will monitor wind speeds up to 70m/s (157mph) and has been accepted for service by the FAA and CAA for reporting of surface wind in airport applications when supplied as part of a suitable AWOS\*.

<b>Wind Speed Range</b>	70m/s (157mph)
<b>Construction</b>	Stainless Steel
<b>Operational Temp</b>	-55°C to +70°C
<b>Weight</b>	1.4kg (50oz)
<b>Heating Option</b>	High Power

## WindObserver™ 75

The WindObserver 75 will monitor wind speeds up to 75m/s (168mph) and features 150 Watts of electrical heating power in the anemometer head. This sensor has been designed for use in freezing weather conditions.

<b>Wind Speed Range</b>	75m/s (168mph)
<b>Construction</b>	Stainless Steel
<b>Operational Temp</b>	-55°C to +70°C
<b>Weight</b>	1.4kg (50oz)
<b>Heating Option</b>	High Power

\*Automatic Weather Observing System.

## WindObserver™ IS

The WindObserver IS carries ATEX certification Ex ia IIC T4 Ga for use in hazardous areas. This industrial anemometer will monitor wind speeds of 0-75m/s and is particularly suited to offshore oil platform applications.

<b>Wind Speed Range</b>	75m/s (168mph)
<b>Construction</b>	Stainless Steel
<b>Operational Temp</b>	-30°C to +70°C
<b>Weight</b>	1.4kg (50oz)
<b>Heating Option</b>	None



WindSonic and WindSonic M are low-cost ultrasonic wind speed & direction sensors, monitoring wind speeds up to 60m/s. WindSonic M features an IP66 rated aluminium construction with a heating option for cold environments.



## WindSonic™

WindSonic will monitor wind speeds up to 0-60m/s (134mph) in a lightweight, corrosion-free polycarbonate housing and is particularly suited to marine/offshore (ships, data buoys) and land based installations..

<b>Max Wind Speed</b>	60m/s (134mph)
<b>Construction</b>	Luran
<b>Operational Temp</b>	-35°C to +70°C
<b>Weight</b>	0.5kg (18oz)
<b>Heating Option</b>	None

## WindSonic™ M

WindSonic M, with an impact resistant, hard-anodised aluminium housing, will monitor wind speeds up to 60m/s (134mph). With an optional heating system providing enhanced performance at temperatures as low as -40°C, the sensor is particularly suited to harsher industrial conditions .

<b>Wind Speed Range</b>	60m/s (134mph)
<b>Construction</b>	Aluminium
<b>Operational Temp</b>	-40°C to +70°C
<b>Weight</b>	0.9kg (32oz)
<b>Heating Option</b>	Standard Power



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