



WEATHER



STATIONS

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**IM171-S
SPEED**

BUILD YOUR OWN SYSTEM

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WEATHER STATIONS

IM171-SD SPEED

PAPERLESS RECORDER

The Paperless Recorder (PR) is a data acquisition unit with a 5.6" TFT touch screen. It is designed for use with our range of meteorological sensors. The PR offers multiple real-time and historical views, as well as numerous archiving strategies to ensure data is never lost. Using the associated PC software, the user can view live data, generate reports, set alarms and configure the PR unit.

PC SOFTWARE

Powerful, versatile software allows the user to view and analyse data from the sensors. Configuration of the PR is also possible. Key features: Live data monitoring (includes trending, with scalable time axis between 1 minute and 1 month). Historical review of data. Customizable display screens: Configure the PR to display data in your chosen format. Choose from a variety of display styles. Configure alarms and relay outputs. Download data for offline analysis. Configuration wizards for easy set-up and troubleshooting.



Specification	Description
Power	90-250VAC or 11-36VDC
Display	5.6" TFT touch screen
Resolution	640 x 480 pixel resolution, 65K colour
Internal Memory	256 MB
RAM	256 MB
External Memory	SD card, USB x 2
Ethernet	Modbus TCP/IP
Sampling Rate	100 ms max
Maths Channels	Yes
Protection	IP65 front, IP20 rear
Operating Temperature	0°C to 50°C



IM124 CUP GENERATOR ANEMOMETER



Product description

Requiring no external power source, the IM124 Cup Anemometer generates an output signal that is directly proportional to the wind speed. Each IM124 can drive up to six IM124A Wind Speed Dial Indicators. It can also be used as part of a complete IM147 system.

Constructed from non-ferrous materials resistant to corrosion in salt-laden and high humidity atmospheres

Technical Specifications

Start Threshold	3±1 Knots
Speed Range	0-180 Knots
Speed Accuracy	Below 40 Knots ±1 Knot, Above 41
Knots	±2 Knots
Weight	4.2Kg

IM145 WIND DIRECTION VANE ENCODER



Product description

The IM145 Wind Direction Vane is a sensitive, reliable unit of robust construction, which transmits wind direction measurements to a high degree of accuracy. It can drive up to six IM125A Wind Direction Dial Indicators using an external AC supply. It can also be used as part of a complete IM147 system. Constructed from non-ferrous materials resistant to corrosion in salt-laden and high humidity atmospheres able to withstand a near-miss lighting strike

Start Threshold	3±1 Knots
Direction Range	0- 360°
Direction Accuracy	±1°
Weight	12 kg

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