

SPOKEdata Weather Station

Fast, accurate updates on your local weather conditions



Pacific Data Systems' **SPOKEdata Weather Station** is a simple to use, simple to install, robust monitoring system designed to provide you with frequent, accurate updates on your local weather conditions.

It has been designed as the ideal solution for a range of professional applications including:

- Mining
- Construction
- Building Management
- Research and Education
- Environmental regulatory compliance
- Agriculture and Aquaculture (vineyards, crop spaying etc)
- Emergency Services + more



Standard Inclusions

- Ultrasonic wind speed / direction sensor
- Temperature, humidity, barometric pressure sensor
- Rainfall
- 3G data logger
- Solar panel and battery backup
- Mast

Features

- Multiple input protocols
- 3G Communications
- Remote access via web portal
- Alarm functionality
- Solar-Powered

Benefits

- High Accuracy, Rugged Design
- Long-term Reliability
- Complete Automation
- Pre-configured, Easy Installation

**sensors pictured may differ from those supplied*



Remote Web Portal

The Pacific Data Systems **SPOKEdata Weather Station** includes remote web portal access whereby you can quickly report on your data, battery and signal strength and be alerted to any problems.

This web portal also allows you to remotely configure sensor settings, logging intervals and alarm thresholds (SMS or email) of each data channel.



Specifications

Sensor	Range	Resolution	Accuracy
Wind Speed	0 to 30 m.s	0.01 m/s	0.30 m/s or <3%, whichever is greater
Wind Direction	0 to 359 degrees	1 degree	± 3 degrees
Relative Humidity	0 to 100% RH		Variable across temperatures (*refer Fig.1)
Air Temperature	-40 °C	0.1 °C	Variable across temperatures (*refer Fig.2)
Barometric Pressure	49 to 109 kPa	0.01 kPa	0.4 kPa
Vapour Pressure	0 to 47 kPa	0.001 kPa	Variable across temperatures (*refer Fig.3)
Rainfall	up to 450 mm / hr	0.2 mm per tip	± at low rainfall rates ± at rainfall rates >300 mm / hr

Optional



Additional data communication options
(Radio, Satellite)



Solar Radiation Pyranometer

View more specs



Scan the QR Code using an iOS / Android App to view more RH, Air Temp & Vapour Press. specs

Still Need More?

Our **SPOKEdata Weather Station** is designed to be an “as is” solution, but did you know that we also specialise in providing tailored solutions based on your requirements? This includes additional sensors, mounting & power options.

Talk to us today for more options available for your application!