

WINDCRANE



Safety

Control risks and eliminate hazards from strong winds on construction sites



Limitless range

Operates on GSM mobile Network, no cables, no transmitters, Reliable & efficient



Live data 24/7

Publish live information to site offices, anywhere & everywhere with cloud technology



Wind log record

Automatically stores all your historical wind site data for any downtime and H&S record keeping

WINDCRANE gives you full remote access to your wind safety data without the need of any software, unreliable local radio links or office setups.

Combining remote mobile technology with **24/7** web cloud software results in a system that automatically monitors and tracks wind information and alerts you to any important wind safety event 24/7.

All your wind information and individual construction sites and cranes are at your reach from **anywhere anytime** with any Internet connected device.

Features

- All your sites on a single dashboard with updated status and alerts
- Individual public displays for individual constructions projects with their own wind statistics
- Branded displays and mobile phone access on the go
- Unlimited wind data storage for any future downtime record tracking & H&S checks
- Custom alerts and remote access for site and crane managers



FOR MORE INFORMATION, PLEASE CONTACT OUR HEAD OFFICE

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Technical Specifications

Available Channels :	1 anemometer, wind direction & temperature (optional)
Data Sampling Rate:	1Hz (Conforms to IEC61400)
Resolution:	0.001Hz for wind speed and 0.3 degree for wind vane
Accuracy:	Wind Speed accuracy: better than 100 ppm
Reporting Interval to WINDCRANE web portal:	10 Minutes
Local memory:	Over 10 years on Industrial uSD card 10 minutes logging
Cloud storage:	Unlimited
Data Transfer:	Automatic data transfer every 10 minutes to WINDCRANE web portal
Operating bands for GSM WINDCRANE:	Quadband (worldwide) - GSM800, DsC1800, GSM850 and DSC1900
Connector:	SMA connector for antenna
Operating temperature WINDCRANE Unit:	-20°C - 70°C
Power Consumption:	Avg 5mA
Sensor Power:	Pulsed 3.3 Vdc,max 20ma total, 10 millisecond excitation pulse each sample period
Power Supply Options:	110-240 V ac 50-60 Hz or 12v rechargeable battery and PV panel kit
Material:	<i>External enclosure:</i> Copolymer Polypropolene, <i>RTU:</i> Carbon fiber effect ABS
Dimensions:	390x300x155mm - <i>Weight:</i> 2Kg

HOW IT WORKS

Wind speed and direction is measured with an anemometer and recorded using our **WINDCRANE** mobile wind data logger. The kit has two power options – mains power supply or solar panel battery pack. The wind data is remotely sent to our online data management web portal and dashboard display via GSM.

GSM provides the speediest, most reliable and efficient method of data transfer available with no limits on the operational range.

Automatic alerts are sent out and users can retrieve and view their data via PC or mobile phone. Data is wirelessly transmitted over the mobile phone connection to the cloud with 24/7 backup. There are no cables, wireless transmitters and receivers involved, offering an efficient and reliable solution with no risk of hardware malfunction.

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