



Connect the wind sensor



Connect the power supply



Attach to structure and switch ON



Online live dashboards with analytics platform:
view and download historical wind data



Share information from within the App



Share and view information from the windcrane mobile phone app available from apple and android

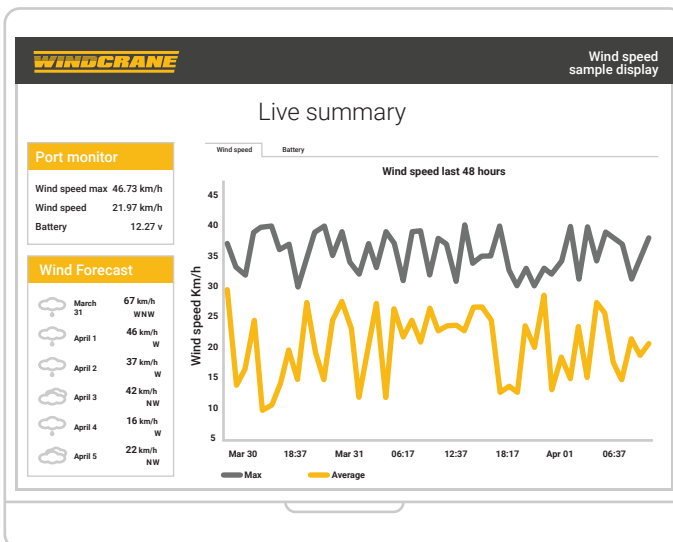
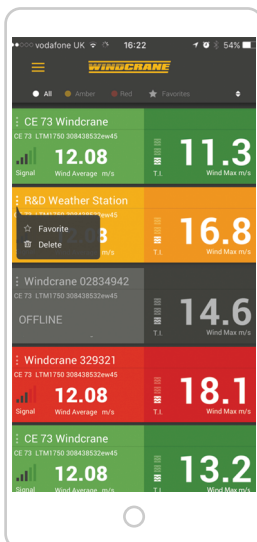
WINDCRANE mini

YOUR ENTIRE FLEET IN ONE APP

WINDCRANE is a tough and accurate wind monitoring solution; perfect for companies who require live and archived data for the periods of crane and construction operation.

Insert your device serial number into the windcrane app and go! The only smart wind monitoring system enabling you and your colleagues to access wind information whether you are based on site, in the office and or on the move.

Used across multiple industries – Tower cranes, construction, filming and audio, building, outdoor events, staging, sporting events.



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- Detailed wind records include highest wind gust, average wind speed and wind turbulence data.
- Your entire fleet within a single app
- Downloadable and shareable data via app and web portal
- Unlimited user access
- Wind gust alert notifications

TECHNICAL SPECIFICATIONS

Application	WINCRANE mini kit for use with mains power and 1 x wired wind speed sensor.
Perfect for	Companies needing live and archived data for the periods of operation.
Typically used	Tower cranes and construction sites
Input Channels	1 anemometer (pulse/switch output)
Data sampling rate	1Hz according to IEC61400
Data resolution	0.01 Hz
Wind speed sensor accuracy	Typical 2% accuracy over 8-200 km/h, 2-55 m/s, 5-125 mph
Reporting interval to Windcrane web portal	10 minutes (statistical average, maximum, standard deviation for turbulence)
Internal data storage on SD card	Over 10 years backup on industrial microSD card at 10 minute interval
Cloud-based web portal storage	Unlimited storage, with dashboard, email alerts and historical data download/review
GSM data transfer	Automatic upload to web portal every 10 minutes using built-in quad-band GSM GPRS module
Power supply	Mains: 110-240V via plug-in adaptor, 5W max.
Battery backup	None
Operating temperature	-20 to +50 C for logger and sensor
Enclosure and dimensions	Rugged IP67 compact polycarbonate case, Outer dimensions 200 x 130 x 65 mm, Weight approx 900 gm
Enclosure mounting	In-cabin mounting. Can be strapped to bulkhead
Sensor connection	M8 standard connectors on sensor and logger. Cables supplied to specified length up to 60 m.
Sensor mounting	Mounting plate and U-bolts supplied, suitable for tubular pole 25 – 44 mm dia. (1 – 1.75 inch)
Sensor dimensions	Sensor height 140 mm. Rotor diameter 124 mm. Sensor mass 150 gm approx.
Logger connections	9-12 V DC input from mains power adaptor, M8 connector for wind sensor, Captive SMA cable to magnetic mount GSM antenna.
Warranty	3 years guarantee on the WINDCRANE mini datalogger.