WINDCRANE®

WINDCRANE Mini with Sensor

1. Mount sensor bracket using supplied clamps to pipe or pole on tower/structure.

3. Connect mains power and use WINDCRANE Pro app or web portal to view data and status.

2. Run cable back to logger and connect male M12 plug to logger input.

- Install and run the WINDCRANE Pro app on your Android or iOS device.
- Tap the menu icon, then tap Add Device.
- Enter the IMEI number of your WINDCRANE (see label on front of unit), tap Search, and then tap Add device.
- Tap the name of the device in the list to view details and wind speed history.
- Visit www.windcrane.com/faq for more info.

WINDCRANE Mini
Step-by-Step Installation Guide

Important

- Do not plug in the mains power supply until the system has been wired and mounted.
- The logger and power supply must only be installed in an indoor location as they are not weatherproof.
- Check that there is 2G/GSM/GPRS or 3G/WCDMA/HSPA mobile network coverage at the installation site.

MOUNTING

1. Enclosure

- The logger is pre-installed in the enclosure. Do not open the enclosure.
- Mount the enclosure to an indoor wall, panel or rail using the included strap or suitable fixings.
- Do not place the enclosure under a seat or inside a panel or locker. The GSM radio antenna is inside the enclosure lid and must not be obstructed.

2. Wind speed sensor

- Attach the sensor bracket to the structure or a tubular pole (as shown in photo) using the supplied U-bolt fixings, or other suitable screws/fixings.
- The sensor must be vertical and clear of any obstructions to ensure accurate wind speed readings.

WIRING

1. Wind speed sensor

- Attach the cable female M12 connector to the connector on the sensor base. Tighten the threaded lock ring to secure and waterproof the connection.
- Feed the sensor cable to the logger unit, along/through the structure and any gland/aperture to the indoor location of the logger.
- Connect the plug on the sensor cable to the adapter/connector that is pre-wired to the WINDCRANE datalogger. Twist the threaded locking rings together to secure.
- Secure sensor cable to the structure with cable ties. Tidy and secure any excess cable.

2. Antenna

The WINDCRANE Mini has an internal antenna for the GSM mobile network connection. This is under the lid/front of the enclosure. Do NOT place the unit inside a locker or panel, or under a seat, as this will obstruct the antenna.

3. Power supply

- The mains power supply is pre-wired into the WINDCRANE enclosure and must not be modified.
- Connect the mains plug to a suitable indoor or weatherproof outlet socket, or remove the plug and wire into a fused spur or junction box.
- Do not switch on mains power until the system is wired up and in position.

SWITCH ON

1. Connect mains power and check operation

- Plug in the mains power supply and switch on. Check that the green LED on the power supply is lit.
- Check on the WINDCRANE app or the LeSENSE web portal that the device comes online and reports data. The first connection may take 1-2 minutes.

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