

WINDCRANE Mini End of Jib Kit

This is designed to be mounted to the jib end on a mobile/crawler crane, and operates from a 24V auxiliary supply. The sensor must be mounted on a customer-supplied gimbal or bracket to suit the particular crane.





- 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.



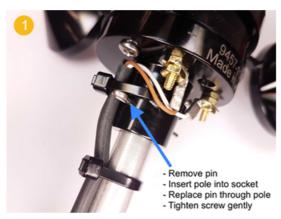
WINDCRANE Mini 24V with Q20 / C20 Sensor

Applies to WINDCRANE Mini hardware v1.12 configured for 24VDC operation

SENSOR MOUNTING

The sensor includes a 300mm tubular mounting pole, weatherproof PVC boot and pre-wired output cable.







- Mount the sensor onto your gimbal/ bracket using suitable fixings (not supplied), so that it is in a clear position for best wind sensitivity and able to swing freely.
- Secure the output cable to the mount tube and the gimbal bracket, allowing a loop with plenty of slack for the gimbal to rotate.
- 5 Ensure sensor is secure and mounted vertically, with no nearby obstructions that could affect air flow.

LOGGER MOUNTING

Attach the logger enclosure to a suitable flat surface on the jib structure, in a position that will not interfere with crane operations or be subject to impacts or stresses. Use the supplied clamp straps, or a suitable cradle/bracket.

Take care to not enclose the logger inside metal cabinets or gratings, as the cellular network antenna is built into the top/front of the WINDLOGGER enclosure.

WIRING

Connect sensor to WINDCRANE logger using M12 sensor cable. Mate the connectors carefully, then hand-tighten threaded fasteners to secure and waterproof the connection.

Connect the power input cable to a 24 VDC source. This can be a switched source such as an aircraft warning light circuit or an auxiliary supply capable of providing 300mA peak current.



OPERATION

Simply power up the WINDCRANE with the 24V source. The WINDCRANE system is accessed via the web portal or mobile app.