

# WINDCRANE®

## 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.

1 Mount sensor using supplied clamp to suitable stub mast or gimbal/pendulum.

3 Mount WINDCRANE unit to jib using supplied straps or suitable bracket/cradle.



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](http://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 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.

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

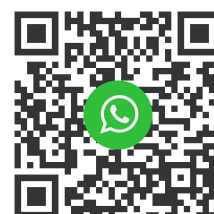
Connect sensor to WINDCRANE logger using M12 sensor cable. Mate the connectors carefully, then hand-tighten threaded fasteners to secure and waterproof the connection.

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.



Need Help?

[support@windcrane.com](mailto:support@windcrane.com)