WINDCRANE Max

Technical Specifications

Advanced Wind Monitoring

WINDCRANE Max is ideal for projects where more advanced remote monitoring is required.

With inputs for multiple wind, weather, environment and other sensors, it is ideal for weather stations, remote sensor telemetry and more. Data is accessed via mobile app or cloud portal.

The WINDCRANE Max system is housed in a rugged weatherproof enclosure, and can be mains powered or solar powered.

Suitable for construction sites, cranes, outdoor structures and events, agriculture, academic research and more.

Enclosure

Weatherproof Peli case (IP67 rated) with back plate for wall or pole mounting.
Dimensions: 290 x 390 x 150 mm (WxHxD when mounted vertically, incl back plate).
Weight: 5 kg approx (enclosure with logger, battery and input cables).
Mounting: 4no 10mm dia holes at 70 x 340 mm centres. (W x H). Supplied with U-bolts to suit tubular mast
M12 connectors for sensors/accessories.

Power

Solar power option: 10W 12V solar PV panel with bracket and hardware for wall/post/pole mounting.
Panel dimensions: 320 x 355 mm (W x H), with 3m connection cable.
Mains power option: Internal mains power supply for 100-240VAC, 20W max consumption, with 3m cable and wall plug or CEE/IEC 16A 110V or 230V plug.
Battery: Internal 12V lead-acid battery and charger gives up to 1 month battery backup.

Sensor Options

4 x wind speed anemometers (pulse/switch or low-voltage sine wave sensors).
2 x wind direction vanes.
4 x analogue inputs (0-10 VDC, 0-3.3 VDC, 0-20 mA) for other sensors:
Environmental sensors: temperature, rainfall, solar radiation etc.
Power and industrial sensors: current, energy metering, water level, etc.
Internal temperature, humidity and barometric pressure sensors as standard.

Data Connectivity

Built-in cellular connectivity with internal antenna and worldwide coverage. Data automatically transmitted to WINDCRANE web portal and app.

Accessories/Options

Live data display module - shows second-by-second wind speed.
Light/ alarm unit for high wind alarms (only with mains power option).

Contact us via WhatsApp

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