

SAFE AID

WS400 WIRELESS ANEMOMETER



HAS YOUR PRODUCTIVITY BEEN BLOWN AWAY? TRUE WIND SPEED LOGGING.

The Safe-Aid WS400 Anemometer is designed for easy operator use and the plug and play system is completely maintenance free with built in self-diagnostic capabilities.

Basic setup and user configuration can be configured using the tactile keypad. The display has excellent sunlight readability.

Logging of wind-speed to prove work downtime can be achieved by using a USB flash drive; this data can then be collated into a user friendly printable report.

The rugged system is tested at extreme temperatures and high humidity (-10 to 70°C /14 to 158°F), suitable for use on heavy industrial and mining equipment.

Each anemometer head unit is tested in a wind tunnel following strict ISO quality procedures.



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WS400 WIRELESS ANEMOMETER

SYSTEM FEATURES

- Data Logging / Reporting via On Board USB Drive
- Continuous Logging (User Adjustable Intervals) Including Peak Speeds
- 800m Communication Range – Outdoor Line of Sight
- Immediate Wind Speed Display
- Wind Speed Upper Limit Display – Programmable
- Units of Measure Display – Kilometers per hour, Miles per hour, Meters per second or Knots
- Percentage of Utilization Display
- Two User Adjustable Limits each with Audio & Visual Warning and Individual Relay Outputs
- Master Settings Password Protected
- Low Battery Display

WIRELESS ANEMOMETER (WIND SPEED HEAD UNIT)

- Powered by Size 'D' 3.6V Lithium Battery or Temporarily use 1.5V Size 'D' Normal Battery
- Measuring Range 0.5-50 Meters per second (3 – 180 Kilometres per hour)
- Black Technical Plastic Body with Uniquely Designed Rotor, Robust and Flexible
- High Quality Stainless Steel Bearings
- Self-Levelling Mounting Bracket
- IP65 Environmental Protection
- Outside Dimensions: 305 x 105 x 105mm (L x W x H) Excluding Mounting Bracket
- Accuracy: 1km/h (3 - 15km/h) 3% (15 - 180km/h)

TECHNICAL SPECIFICATIONS | WS400 WIRELESS DISPLAY UNIT

- Monochrome Graphic Screen with Backlight – 128 x 64 dot
- Viewing Area: 57mm x 30mm (W x H)
- 6 Button Tactile Keypad – Replaceable
- Power Supply Voltage: 6 – 36VDC
- Maximum Power Consumption: 980mW
- Annunciator: PCB Mounted 80 dB buzzer
- Operating Temperature: -10 to 70°C
- Enclosure Type: HDPE – CNC Machined from Solid Block
- Logger Connection: USB-A Connector
- Firmware Update Connection: USB-A Connector
- EMC Directive 2004/108/EC
- Industrial RF Communication 802.15.4 2.4Ghz Worldwide License Free Band Transmit 3.1mW (+5 dBm) Receiver Sensitivity -100dBm
- Indoor / Urban Range: Up to 60m (200ft)
- Outdoor / RF Line-of-Sight Range: Up to 800m (2625ft)
- Real Time Clock with Battery Backup for Date & Time
- Outside Dimensions: 111mm x 105mm x 70mm (L x W x H) Excluding Mounting Bracket
- Weight: 370 grams
- Outputs 2 x 3A Relays with Potential Free Contacts (Unfused)
- Environmental Protection: IP50

QUALITY



Management System
ISO 9001:2015



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