

# SAFE-AID

## ANEMO 4403 WIRELESS ANEMOMETER



### “WINDICATION”

*Definition: (verb) Light summer breeze to gale force winds, indication and imminent warning thereof.*

*If gale force wind speeds, evacuation absolutely essential!*

**THE SAFE-AID ANEMO 4403 ANEMOMETER WITH WM44-P DISPLAY BRINGS QUALITY, DURABILITY, ACCURACY AND AFFORDABILITY TO THE MARKET.**

Designed for easy operator use, the plug and play system is completely maintenance free with built in self-diagnostic capabilities.





## ANEMO 4403 WIRELESS ANEMOMETER

The lithium battery powered wireless wind speed sensor is probably one of the world's most revered wind speed systems. Built to last, its rugged design & flexibility make the Safe-Aid Anemo 4403 a proven and very popular system.

The system may be used for many different applications, including:

- Monitoring of wind speeds on mobile telescopic and lattice boom cranes (includes self-levelling bracket for boom elevation)
- Tower cranes
- Solar trackers
- Irrigation
- Movie production sets
- Buildings and factories
- Wind turbines

The unit handles speeds of up to 200km per hour and has line of sight range up to 1000m.

The system is tested at extreme temperatures and high humidity (-20 to 70°C /-4 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.

### SYSTEM FEATURES

- 1000m Communication Range – Line of Sight
- Immediate Wind Speed Display – No Delay
- Units of Measure Display – Kilometers per hour, Miles per hour
- Two User Adjustable Limits each with Audio & Visual Warning and Individual Relay Outputs
- Easy Programmable Settings
- Low Battery Display
- 2 – 200km Wind Speeds
- 4 – 20mA Analog Output Signal Proportional to Displayed Wind Speed for use with PLC
- High Quality Materials used in the Manufacture of the Wind Speed System
- Minimum and Maximum Wind Speed Registered Values
- Accuracy +/-2%

### TECHNICAL SPECIFICATIONS

#### WIRELESS ANEMOMETER (WIND SPEED HEAD UNIT)

- Powered by Size 'D' 3.6V or 1.5V Lithium Battery
- Measuring Range 0.5-50 Meters per second (2 – 200 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 125 x 125 x 315mm (L x W x H)

### TECHNICAL SPECIFICATIONS

#### SAFE-AID WM44-P DISPLAY UNIT

- 18 - 36 VDC Input Voltage
- 3-Digit 7 Segment-Display
- 2 Indicator LEDs of Activated alarms "AL1 and AL2"
- Power Consumption < 3,5 VA
- Powder Coated Sheet Metal Housing with Universal Mounting Bracket
- IEEE 802.15.4. ISM 2.4 GHz Transmit Power: 10mW (10dBm) Receiver Sensitivity: -100dBm
- 2 x Relay Outputs (Potential Free Contacts)
- 1 x 85db Audible Alarm
- IP50 Environmental Protection
- Weight Approximately 0.450kg
- Outside Dimensions 150 x 100 x 50mm (L x W x H) Excluding Mounting Bracket
- -20° to +70° Operating Temperature (Ice Free)

Distributed by

