



TriSonica™ Mini



For those that require a compact, lightweight, low velocity anemometer, for a small location or for use on a small drone, Anemoment offers the TriSonica Mini.

It has a measurement path of just 35 mm and a weight of less than 50 grams. Even with its small size it provides wind speed, direction, temperature.

The TriSonica Mini Solid-State Wind System can also provide measurements of all three dimensions of air flow. The open path provides the least possible distortion of the wind field.

Four measurement paths provide a redundant measurement. The path with the most distortion is removed from the calculations to provide accurate wind measurements.

Data emulation allows for the direct connection to existing data loggers and systems without costly changes to associated electronics. Data output is factory set to user requirements and includes the emulation of many common types of wind sensors.

SIZE
9.1cm x 9.1cm x 5.2cm

WEIGHT
50 grams

POWER
9-36 VDC @ 30mA

DIGITAL OUTPUT
RS-232

DATA OUTPUT RATE
1Hz, 2Hz, 5Hz, 10 Hz

OPERATING FREQUENCY
60 kHz

WIND SPEED
Range: 0-30 m/s
Resolution: 0.1 m/s
Accuracy (0-15 m/s): ± 0.1 m/s
Accuracy (15-30 m/s): $\pm 2\%$

WIND DIRECTION
Range (x/y): 0-360°
Range (z): $\pm 30^\circ$
Resolution: 1.0°
Accuracy: $\pm 1.0^\circ$

TEMPERATURE
Range: -25°C to +80°C
Resolution: 0.1°C
Accuracy: $\pm 2^\circ$

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