



GMX200 WIND SPEED & DIRECTION SENSOR

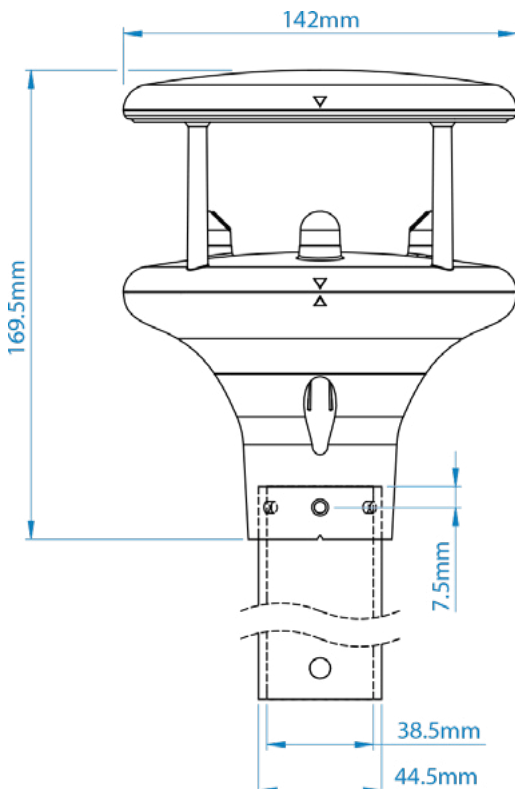


Product Description

The MUNRO range of compact weather stations is designed and manufactured by MUNRO Instruments. MUNRO products use reliable, high quality instruments to provide accurate meteorological information in a wide variety of applications.

Features:

Wind speed and direction measurements are provided via an ultrasonic sensor and the addition of an electronic compass provides apparent wind measurements. Average speed and direction together with WMO averages and gust data is also provided. Add GPS (optional) to provide true wind and other features.



Wind:

- Wind speed & direction
- Apparent and true wind (with GPS)
- WMO wind averages and gust
- Compass
- GPS (optional) gives height above sea level, latitude and longitude.

GPS (Option):

- Height above sea level m
- MSL pressure
- Sunrise/sunset
- Position of the sun
- Twilight
- Solar Noon

Parameters:

- Wind speed m/s, km/hr, mph, kts, ft/min
- Wind direction
- True/apparent wind
- Angle of Tilt
- Outputs, RS232, 422, 485 (ASCII), SDI-12, NMEA, MODBUS, Analogue (option).

GMX200

All Models Feature:

- Quality Measurements
- Lightweight and Robust
- Low Power Mode
- Free of Charge Software
- Proven Reliability

Application:

- Building and Industrial Controls
- Authorities
- Transport • Coastal.

Technical Specifications

WIND SPEED	
Range	0.01 m/s to 60 m/s
Accuracy	±3% to 40 m/s, ±5% to 60 m/s
Resolution	0.01 m/s
Starting Threshold	0.01 m/s
Sampling Rate	1Hz
Units	m/s, km/hr, mph, kts, ft/min
WIND DIRECTION	
Range	0 - 360°
Accuracy	±3% to 40 m/s, ±5% to 60 m/s
Resolution	1°
Starting Threshold	0.05 m/s
Sampling Rate	1 Hz
Units	Degrees
OUTPUTS	
Output rate	1 /s, 1 /min, 1 /hr
Digital Comms Modes	Serial RS232, RS422, NMEA, RS485, MODBUS, SDI-12, ASCII
Analogue Outputs	optional Available via device separate optional device
POWER	
Power Supply	5-30 VDC
Power(Nominal) 12VDC	25mA continuous high mode. 0.7 mA eco-power mode (1 hour polled)
ENVIRONMENTAL CONDITIONS	
Protection Class	IP66
Operating Temperature Range	-35°C to +70°C
EMC Standard	BS EN 61326-2-1:2013 FCC, CFR Title 47, Part 15, Subpart device B, Class A digital device
CE Marketing / RoHS compliant	YES
Weight	0.5Kg
Origin	UK