

AxisTech Weather Station Data Sheet

The AxisTech range of weather stations are solar powered with GPS location and data sensors that capture wind speed, wind direction, rainfall, temperature, barometric pressure and relative humidity. Optional upgrade to include ultrasonic wind sensors, solar radiation or UV radiation.



AxisTech A23 Ultrasonic Weather Station

Sensors	<p>Ultrasonic wind sensors</p> <p>Wind speed: Test range: 0~70m/s, Resolution: 0.1m/s, Accuracy: $\pm 5\%$</p> <p>Wind direction: Test range: 0~360°, Resolution: 1°, Accuracy: $\pm 1^\circ$</p> <p>Atmospheric temperature: Temperature Range: -40~80°C, Accuracy: $\pm 0.5^\circ\text{C}$</p> <p>Humidity: Range: 0-100%RH, Resolution: 1%RH, Accuracy: $\pm 5\%$RH</p> <p>Barometric pressure: Pressure range: 150-1100hPa, Resolution: 0.1hPa Accuracy: $\pm 1\text{hPa}$</p> <p>Rain gauge: Resolution: 0.2mm, Accuracy: $\pm 4\%$</p> <p>Optional upgrade</p> <p>*A24 Weather Station also available (includes UV / Solar Radiation)</p> <p>*A25 Weather Station also available (includes UV & Solar Radiation)</p>
Power	Solar panel with LiFePO4 battery backup
Connectivity	C42 - A23, A24, A25 - 4G/LTE/CatM1/NB-IoT (5G ready) - Cellular X21 - A23, A24, A25 - Direct Satellite