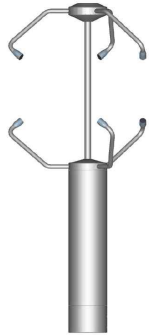



# Specifications

Item 1	<b>3-Axis Vertical-Head Anti-icing Ultrasonic Anemometer</b>
Details	<div style="display: flex; justify-content: space-between;"> <div> <p><b>0. Head Type :</b> Vertical Anti-Icing Heating</p> <p><b>1. Wind Velocity:</b></p> <ul style="list-style-type: none"> <li>- Measurement range: 0 - 85m/s</li> <li>- Resolution: 0.1m/s</li> <li>- Accuracy: ±0.1m/s rms up to 5m/s ±2% rms above 5m/s</li> </ul> <p><b>2. Wind Direction:</b></p> <ul style="list-style-type: none"> <li>- Measurement range - azimuth: 0 - 360°</li> <li>- Measurement range - elevation: -90 to +90°</li> <li>- Resolution: 1°</li> <li>- Accuracy: ±2°</li> </ul> <p><b>3. Virtual Temperature:</b></p> <ul style="list-style-type: none"> <li>- Measurement range: -40 to +70°C</li> <li>- Resolution: 0.1K</li> <li>- Accuracy: ±0.5K</li> </ul> <p><b>4. Power requirements:</b></p> <ul style="list-style-type: none"> <li>- Sensor: 8 - 24VDC or 12 - 28VAC @ 2.5VA</li> <li>- Heating: 24V AC/DC @ 150VA</li> </ul> <p><b>5. Electrical connection:</b> 8-pin connector</p> <p><b>6. Protection:</b> IP65</p> <p><b>7. Maximum Dimensions:</b> 600 x 300mm</p> <p><b>8. Power and Signal Cable Length:</b> 15m</p> </div> <div style="text-align: center;">  </div> </div>

# Specifications

Item 2	<b>3-Axis Horizontal-Head Anti-icing Ultrasonic Anemometer</b>
Details	<div style="display: flex; justify-content: space-between;"> <div style="width: 65%;"> <p><b>0. Head Type :</b> Horizontal Anti-Icing Heating</p> <p><b>1. Wind Velocity:</b></p> <ul style="list-style-type: none"> <li>- Measurement range: 0 - 40m/s</li> <li>- Resolution: 0.01m/s</li> <li>- Accuracy: 1.5% @ 5m/s</li> </ul> <p><b>2. Wind Direction:</b></p> <ul style="list-style-type: none"> <li>- Resolution: 0.1°</li> <li>- Accuracy: 1.5° @ 5 m/s</li> </ul> <p><b>3. Virtual Temperature:</b></p> <ul style="list-style-type: none"> <li>- Measurement range: -40 to +60°C</li> <li>- Resolution: 0.01K</li> </ul> <p><b>4. Power requirements:</b></p> <ul style="list-style-type: none"> <li>- Sensor: 9 – 36 VDC</li> </ul> <p><b>5. Head Heating :</b> Anti-Icing</p> <ul style="list-style-type: none"> <li>- 24 VDC / 55 Watt</li> </ul> <p><b>6. Online calculation of turbulence parameters</b></p> <p><b>7. Analogue data output</b></p> <ul style="list-style-type: none"> <li>- Four single ended signals with 12-bit resolution</li> <li>- Standard outputs are 0~10VDC</li> <li>- Output values are x, y, z &amp; T</li> </ul> <p><b>8. Fitting of supplied connector to optional cable.</b></p> <p><b>9. Combined power and data cable : Length = 15m</b></p> </div> <div style="width: 30%; text-align: center;">  </div> </div>