

WatchDog®**Sensors and Accessories****Customize Your Stations and Loggers for:****Soil temperature and moisture · Light measurement · Plant growth****Leaf Wetness Sensor**

Measure leaf wetness with this grid-like, resistance-based sensor. Range: 0 (dry) to 15 (wet).

Item 3666 Leaf Wetness Sensor**External (Soil) Temperature Sensor**

Measure soil, air, or water temperature with this resistance-based sensor. Range: -30°C to 100°C. Accuracy $\pm 0.5^\circ\text{C}$.

Item 3667 External Temperature Sensor 1.8m**Item 3667-20 External Temperature Sensor 6.1m****Temperature (Micro) Sensor**

Measure surface temperature of leaves and other applications with this micro-sensor. Range: -30°C to 100°C. Accuracy $\pm 0.5^\circ\text{C}$.

Item 3667S Temperature (Micro) Sensor**Watermark Soil Moisture Sensor**

Measure soil moisture with this modified Watermark sensor. Resistance-based sensor reads moisture from 0 (saturated) to 200 (dry) centibars.

Item 6450WD20 Watermark Sensor 6.1m**Tipping Bucket Rain Collector**

Measure rainfall in 0.254mm increments with this self-emptying, freeze-resistant rain sensor. Meets WMO guidelines. Accuracy $\pm 2\%$.

Item 3665R Tipping Bucket Rain Collector**Barometric Pressure Sensors**

Measure air pressure in metric (mm) or U.S. (inches) of Hg. **Standard:** Range: 660 to 810mm (26" to 32"). Accuracy: $\pm 0.05"$ ($\pm 1.3\text{mm}$). **High altitude:** Range: 476-841 mm-Hg (18.75-33.1 in-Hg). Accuracy: $\pm 1.4\text{mm}$ ($\pm 0.057"$). **For Stations Only.**

Item 3671 Barometric Pressure Sensor**Item 3671M Barometric Pressure Extended Range****Irrigation On/Off Sensor**

Record and analyze relationships between irrigation periods and soil moisture with this sensor. Standard threading plumbs into irrigation line and trips on at 24.4 kg/sqm. One per logger.

Item 6451 Irrigation On/Off Sensor**Pressure Transducer**

Adapts to new and existing Irrrometer tensiometers. Allows the use of the dial gauge for real-time measurements. Maximum of two per logger, no limit for stations. Accuracy $\pm 2\%$.

Item 3669 Pressure Transducer**CO₂ Sensor**

Measure CO₂ levels in ppm using NDIR technology. Also functions as a hand-held meter. Requires battery or 6V power (adapter included). Range: 0-4000ppm.

Item 2655 CO₂ Sensor**Watermark Adapter**

Use to adapt standard Watermark sensors for use with WatchDog equipment. Not required for 6450WD sensors.

Item 6450ADPT Watermark Adapter**ECH₂O Adapter**

Adapt standard Decagon ECH₂O EC-20, EC-10, and EC-5 sensors for use with WatchDog 2000 Series Weather Stations.

Item 6452ADPT ECH₂O Adapter**Extension Cable**

6 meter extension for all sensors. Connectors should be weather-proofed on installation. Call for details on extensions longer than 6 meters.

Item 3664 Extension Cable**4-20mA Input Cable**

Collect data on any current loop device with 4-20mA output. Includes 1.8m cable with 1.27cm tinned wire leads.

Item 3674 4-20mA Input Cable**Replacement RH Sensor**

Relative humidity sensors begin to drift after 2 years in the environment. Replace your RH sensor and return to like-new accuracy. Specify station or logger model number when ordering.

Item 3612RHB Replacement RH Sensor
(For Logger Models 450, 250, & 150)**Item 3612RHS Replacement RH Sensor**
(For WatchDog Weather Stations & Mini Stations)**Alarm Output Module**

Trigger an external device based on sensor readings. Use for temperature alarm, to actuate irrigation, close greenhouse vents, and more. 1A max switching current. Selectable NC/NO operation. **For Stations Only.**

Item 3672 Alarm Output Module**Short-Range Modem Pair**

Amplify signal for direct connections longer than 23 meters.

For Stations Only.**Item 3365WD Short-Range Modem Pair****Voltage Input Cable**

Collect data on any device with 0-2.5v DC output. Includes 1.8m cable with 1.27cm tinned wire leads.

Item 3673 Voltage Input Cable**USB-to-Serial Adapter**

Provides a serial port on laptops or desk PCs which have only USB ports.

Item 3661USB USB-to-Serial Adapter**Tripod Mount**

Rugged folding galvanized steel tripod. Includes bolts to secure center post.

Item 3396TP Tripod Mount**Magnetic Base**

Strong magnetic post is ideal for vehicle mounting or other applications.

Item 3396MB Magnetic Base