

WatchDog®

Data Loggers

Actual Size



Affordable and Versatile WatchDog® Data Loggers



A complete weather station is not necessary for every application – this is when a WatchDog Data Logger is the perfect choice. Twelve different models provide a wide range of monitoring options. Whether your needs are for plant disease alerts or soil moisture monitoring, this award-winning product will deliver the information you need for timely, accurate decisions that result in increased profits. **SpecWare software required.** Radiation shield (Item 3663) required for outdoor use or indoors when exposed to water spray.

WatchDog® 400/200 Series

Exclusive LCD display – confirms logger operation and provides current sensor readings. You can see how much rain has occurred or how cold the temperature is during a freeze alert – without downloading to a PC. LCD available on 200/400 Series Loggers only.

Built in Data Logger – 400 Series Loggers have a logger capacity of 15,000 measurements (3,750 per channel using all four channels); 200 Series Loggers have a capacity of 7,000 measurements (3,500 per channel using both channels). Select measurement intervals of 1, 10, 15, 30, 60 or 120 minutes. A 30-minute interval will record for 78 days before the station's memory is full. Data is stored in safe, non-volatile memory.

Battery Powered – an 8-month battery power source (CR2032 included) means no solar panels to purchase and maintain. WatchDog Data Loggers use state of the art electronics with low power consumption.

Customizable – with up to four plug-in sensors, you can measure only what you need. If your measurement needs change next season, simply connect the sensors you choose. This keeps your investment cost down while enabling you to make more profitable decisions.

Cost-Effective Mini-Stations For:

- Early pest/disease forecasting
- Soil moisture measurement
- Field research/
microclimate data
- Degree-day tracking

WatchDog Data Logger Line and Pricing

DESCRIPTION	INTERNAL SENSOR	EXTERNAL PORTS	LCD DISPLAY
MODEL 450 ITEM 3684	TEMPERATURE RELATIVE HUMIDITY	2	YES
MODEL 425 ITEM 3683	TEMPERATURE	3	YES
MODEL 400 ITEM 3685	NONE (EXTERNAL ONLY)	4	YES
MODEL 250 ITEM 3682	TEMPERATURE RELATIVE HUMIDITY	NONE	YES
MODEL 225 ITEM 3681	TEMPERATURE	1	YES
MODEL 200 ITEM 3680	NONE (EXTERNAL ONLY)	2	YES



WatchDog® Data Shuttle

Launch and download your Shuttle to transport your weather data. Also, a convenient way to read out and relaunch WatchDog Data Loggers (except Model 100 Button Loggers) and bring the data back to your host PC. 128K memory holds data from up to 13 full 100 and 200 Series Loggers and 7 full 400 Series Loggers. Use with Spec 8 software to launch and offload to your desktop PC. Fail-safe, non-volatile EEPROM memory provides added dependability and convenience.

Item 3679 WatchDog Data Shuttle



WatchDog® Sliding Enclosure

Water-resistant enclosure mounts to a pole or post. Front plate slides off for easy access. Not recommended for use with loggers featuring internal temp/RH sensors.

Item 3658 WatchDog Sliding Enclosure



Radiation Shield

Protect your data logger from rain, solar radiation, or other sources of heat that can distort measurements. Removable top for easy access.

Item 3663 Radiation Shield

Customize Your Station Without the Cost of Complex Hardware!

Measure only what
you need with
WatchDog Data
Loggers!



WatchDog® Plant Disease Station

Includes temperature, humidity, leaf wetness, and rainfall sensors.

WatchDog 2000 Series Plant Disease Station (Not Shown)

Includes a Model 2450 Series Mini Station with an enhanced LCD display which allows you to review historical data or to see severity indicators from onboard plant disease models. With optional wireless communications, real-time conditions, including alarms, can also be displayed on your PC.

[Item 3684WDPD](#) [WatchDog 2000 Series Plant Disease Station](#)

The WatchDog Plant Disease Station

Is based on the Model 450 Data Logger, which is plugged into PC to read out data and create disease reports.

[Item 3684PDSR](#) [WatchDog Plant Disease Station](#)

WatchDog® Irrigation Station

Affordable WatchDog irrigation management system lets you monitor, compare and evaluate soil moisture from up to three depths with a single WatchDog Data Logger.

2-Sensor Station:

[Item 3680SM WatchDog 200 Irrigation Station](#) – Includes Item 3680 WatchDog 200 Data Logger, Item 6450WD Watermark Soil Moisture Sensors (2), and Item 3658 Protective Sliding Enclosure.

3-Sensor Station (not shown):

[Item 3685SM WatchDog 400 Irrigation Station](#) – Includes Item 3685 WatchDog 400 Data Logger with 4 external sensor ports, Item 6450WD Watermark Soil Moisture Sensors (3), and Item 3658 Protective Sliding Enclosure. Supports one additional external sensor.

