



NEW
WatchDog
 Wireless Crop Monitor

- ▶ Wireless Temperature & Humidity Monitoring.
- ▶ Optional Software for Logging Data, Reports, & Alarms.
- ▶ Easily Add On Additional Sensors.
- ▶ Totally Portable and Efficient. Reposition Sensors As Needed.

Set Your Plants Free

The New WatchDog Wireless Crop Monitor makes it easy for you to monitor crop and greenhouse temperatures accurately and remotely!

The WatchDog Wireless Crop Monitor uses remote sensor/transmitter modules to measure and wirelessly transmit the temperature (humidity monitor also available) of your crop or greenhouse. The Watchdog Crop Monitor wireless sensing units can be installed anywhere within 1300 feet from the base unit. More sensor/transmitter units can be added or moved around. The Watchdog Crop Monitor base unit receives regular transmissions from the remote sensors and displays the temperatures in large, easy to read LED display. If any Watchdog sensor detects a temperature (or humidity) violation, the Watchdog base module alerts you with an audible alarm as well as a warning light.

Complete Kit includes Base Monitoring Unit and Remote Sensing unit



The Base Unit receives the transmitted data from the wireless remote sensing units, displays the current values, and alarm status. Pre-defined high or low temperature conditions trigger the red alarm indicators and the alarm sounds to notify you of the situation in real-time.



The Radiation Shield will protect your sensor from rain, solar radiation, or other sources of heat that can distort measurements and affect accuracy



The WatchDog Crop Monitor Software will allow you to log weather data on your PC and produce the reports you need to manage plant growth. Reports include: T/RH Hours, DiF Temperature, Degree-Days, Daily and Monthly Summaries.



The Remote Sensing Unit measures the temperature and humidity value and transmits the data wirelessly to the local monitoring unit. Uses 2 AA batteries.



SPECIFICATIONS

Wireless Remote Sensing Units	
Measuring Range	Temp: 0°F - 120°F, Humidity: 10% - 95% RH
Resolution	Temp: 0.1°F, Humidity: 1%
Accuracy	Temp: ±1.0°F (at 10°F), Humidity: ±0.5% RH (at 50% RH)
Radio Frequency	433.075MHz, unlicensed long-range radio equipment
RF Transmission Range	Max. 1300 Feet (1000 ft.)
Power Supply	2 AA Alkaline Batteries (included) - 5 month battery life
Operating Range	40°F - 120°F, & 10% - 95% RH
Dimensions	5.25 inches x 2 inches x 1.5 inches
Weight	7.5 oz (including battery)

Local Base Monitoring Unit	
Number of Channels	10 Wireless Remote Sensing Units
Display Range	Temp: 0°F - 120°F, Humidity: 10% - 95% RH
Display Resolution	Temp: 0.1°F, Humidity: 1%
Computer Interface	RS-232 Serial Port
Power Supply	AC 110 Power Adapter
Operating Range	0°F - 120°F, & 10% - 95% RH
Dimensions	5.75 inches x 2.5 inches x 1.5 inches

Absolute Automation Inc.
 3070 Palms Rd 29454 Oakdale Rd.
 Casco, MI 48064 Thamesville, ON N0P 2K0
 info@absoluteautomation.com

Toll Free: 1-800-296-3910
Tel: 1-810-519-6310
Fax: 1-519-692-3299
www.absoluteautomation.com