

WatchDog® 3000 Series Wireless ET Weather Station



How much water are your crops using?

Use real-time evapotranspiration (ET) data to effectively irrigate for optimum yield and quality.

MEASURES

- Temperature
- Relative Humidity
- Rainfall
- Wind Speed/Direction
- Solar Radiation
- Optional Sensor

FEATURES

- Bluetooth connectivity to your smartphone via the WatchDog Mobile App
- Integrated LTE-M cellular modem
- Integrated solar power system
- Internal data logger. Holds 10 months of data at a 15-minute recording interval. Data can be transferred to a USB flash drive.
- Customizable plug-in sensors
- Simple installation. Mounts to a 1.25 inch mast - U-bolts included

Send data to the  SpecConnect Cloud

- View reports of current conditions or historical data from any location
- Receive alerts via automated phone call, text message, and/or email **immediately** when temperature crosses your selected threshold

Item #	Description
3250MU	WatchDog Wireless ET Weather Station
3010US	SpecConnect Pro Subscription
3000	SpecConnect Initial Setup Fee
3070	Alerts Function for up to 4 Phone Numbers

SPECIFICATIONS

Air Temperature	±0.54°F (-40° to 194°F); ±0.3°C (-40 to 90°C)
Relative Humidity	±2% @ 77°F (25°C); 0 to 100%
Rainfall	±2% at <2" (5 cm)/hr; 0.01" (0.25 mm) Resolution
Wind Speed / Direction	±2 mph (±3 km/h), ±5% / ±3°
Solar Radiation	±5%; 0 to 1500 W/m ²
External Sensor Ports	1 x 2.5mm stereo jack (0 to 3.0VDC analog input)
Operating Temperature Range	-22° to 130°F (-30° to 55°C)
External Communication	Cellular, USB, Bluetooth, RS232
Power Source	3.5W solar panel, rechargeable 6V/4.5AH SLA battery
Battery Life	14 days minimum with no solar power
Data Capacity	312 days at 15-minute intervals (30,000 records)
Dimensions	H x L x W: 12 x 19.5 x 11.25 in (30.5 x 49.5 x 28.6 cm) plus 7.25 in (18.4 cm) Antenna