

# WatchDog<sup>®</sup> 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**

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

- 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

### SPECIFICATIONS

<b>Air Temperature</b>	±0.54°F (-40° to 194°F); ±0.3°C (-40 to 90°C)
<b>Relative Humidity</b>	±2% @ 77°F (25°C); 0 to 100%
<b>Rainfall</b>	±2% at <2" (5 cm)/hr; 0.01" (0.25 mm) Resolution
<b>Wind Speed / Direction</b>	±2 mph (±3 km/h), ±5% / ±3°
<b>Solar Radiation</b>	±5%; 0 to 1500 W/m <sup>2</sup>
<b>External Sensor Ports</b>	1 x 2.5mm stereo jack (0 to 3.0VDC analog input)
<b>Operating Temperature Range</b>	-22° to 130°F (-30° to 55°C)
<b>External Communication</b>	Cellular, USB, Bluetooth, RS232
<b>Power Source</b>	3.5W solar panel, rechargeable 6V/4.5AH SLA battery
<b>Battery Life</b>	14 days minimum with no solar power
<b>Data Capacity</b>	312 days at 15-minute intervals (30,000 records)
<b>Dimensions</b>	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
<b>Weight</b>	9.9 lbs. (4.5 kg)

**"To Measure Is To Know"**

[www.specmeters.com](http://www.specmeters.com)

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