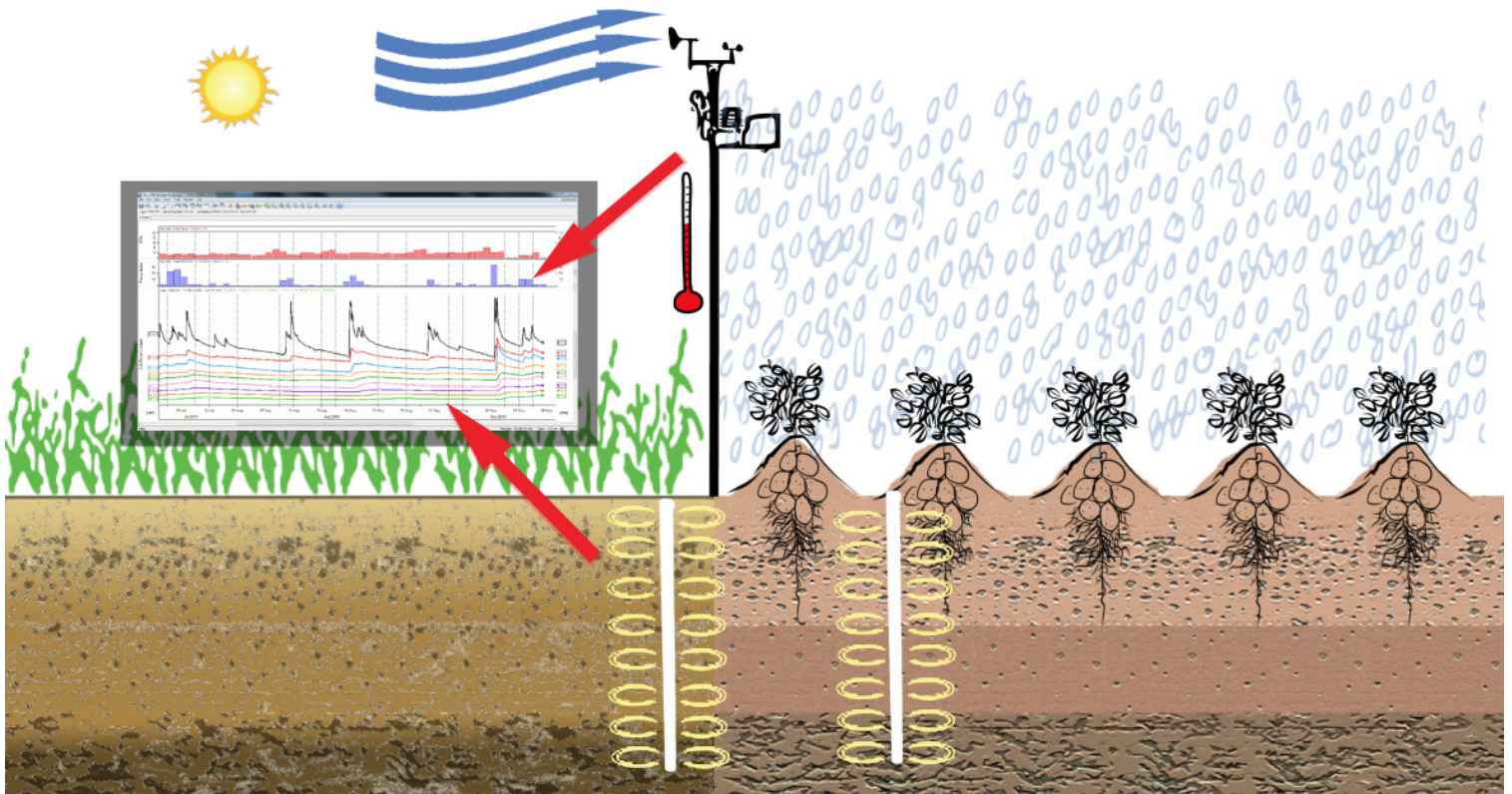




## Sentek Automatic Weather Station

The **Sentek AWS** has been designed to provide the above and below ground measurements needed for irrigation management decisions and / or research applications. Each station includes sensors required for calculated ETo and provision for two (2) **Sentek soil moisture, temperature and salinity monitoring probes**. All sensor data is displayed online at [IrriMAXLive.com](http://IrriMAXLive.com). Data The data logger is powered by a rechargeable battery and a solar panel.



The **Sentek AWS** is used in a wide range of applications:

- Irrigation and fertilizer management with ETo and Sentek soil moisture, temperature and salinity sensors
- Irrigation monitoring with flowmeter, presostat, pH and E.C.
- Rain and water level monitoring with rain gauges and pressure transducers
- All disease models forecast with the leaf wetness sensor, rain, temperature and relative humidity, wind sensor and global radiation (depending on the configuration of the equipment)

Contact us to find out more or to locate a dealer near you:

1800 SENTEK (1800 736 835)

[www.sentek.com.au](http://www.sentek.com.au)

## Sentek AWS includes:

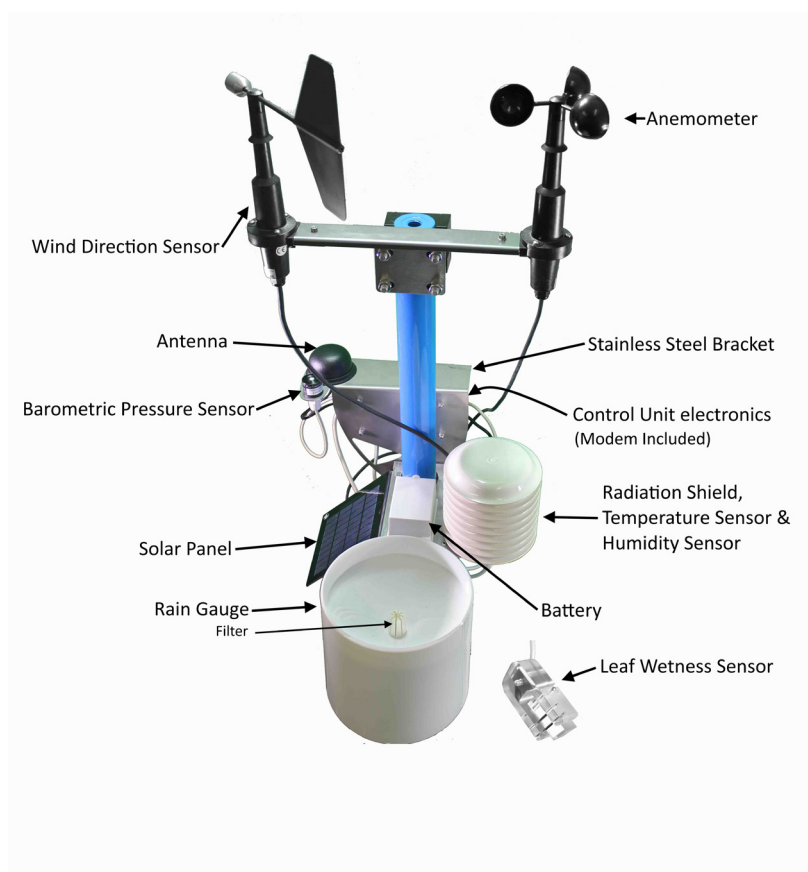
- Stainless steel bracket
- Logger and modem
- Battery
- Solar panel
- GPS/GSM antenna
- Anemometer (Wind Speed)
- Radiation shield with the temperature and relative humidity sensor
- Rain Gauge
- Solar Radiation Sensor
- Calculated ETo
- 1 year IrriMAX Live subscription and setup

## Optional sensors:

- Wind direction sensor
- Leaf wetness Sensor
- Drill & Drop SDI-12 probes
- EnviroSCAN SDI-12 probes
- Other sensors on request

## Not included

- SIM card



|                                      |  |
|--------------------------------------|--|
| <b>Sensors Inputs</b>                | 3 fixed analogue inputs: wind speed, leaf wetness and rain gauge<br>5 digital inputs: automatic sensor recognition, supporting sensor chains |
| <b>Memory</b>                        | 8MB flash memory   |
| <b>Internet Connectivity Options</b> | GSM - GPRS, EDGE, HSDPA, CDMA, UMTS, Wi-Fi, Satellite (6MB per months)   |
| <b>Dimensions without sensors</b>    | 41 cm L x 13cm W x 30 cm H   |
| <b>Weight without sensors</b>        | 2.2 kg   |
| <b>Measuring interval</b>            | 5 minutes  |
| <b>Logging interval</b>              | 15 - 120 minutes   |
| <b>Upload / Transfer Rate</b>        | 10 minutes - 24 hours  |
| <b>Data Access</b>                   | IrriMAX Live   |
| <b>Battery</b>                       | 6V, 4.5AH, Operating Range: -35°C to 80°C  |
| <b>Solar panel</b>                   | Dimensions: 13,5 x 13,5 cm, 1,4 Watt solar panel   |