

# Sentek RT6 Data Logger



*'proven quality, enduring value'*

The Sentek RT6 datalogger is Sentek's proprietary soil moisture data recording system, providing flexibility in both probe placement and data retrieval options. It represents great value, as the alternative to maintaining wireless networks without the costs associated with telemetry at every sensor site.

## Sentek RT6 Data Logger

- Records data from up to 32 Soil Moisture sensors
- One logger can read up to 8 EnviroSCAN probes
- Flexible logging interval ranging from 1 minute to over 16 hours (999 minutes)
- Large data storage capacity
- Flexible power supply options: 12 volt battery with solar or mains power charge
- EnviroSCAN probes are connected to logger by cable
- Cable length up to 500 metres from logger to furthest probe
- IrriMAX Live compatible - **NEW !**



## Data Retrieval Options

- Manual retrieval of logger and download at your PC
- Infield download using your portable PC
- Landline - hard wire to your PC
- Mobile phone network (Circuit Switched Data Technology)
- Internet transfer via mobile phone network – view in IrriMAX Live or IrriMAX Desktop
- Radio

## Data Management and Display

The Data collected by the Sentek RT6 system is viewed in Sentek's IrriMAX software which is designed for easy display and interpretation of soil water, rainfall and irrigation data. Data can also be viewed online on Sentek's IrriMAX Live platform. Modem Installation required to transmit data to server.



<b>Processor</b>	Intel 80C552
<b>Memory</b>	512K 100nS RAM 512K 200nS EPROM 256 x 8 bit Static CMOS EEPROM
<b>Data Retention</b>	2 days from removal power
<b>I/O Capabilities</b>	RS232 and TTL serial communications which are software selectable for 1200, 2400, 9600 and 19.2K Baud rates. 16-bit counter
<b>On board facilities</b>	Clock Calendar (battery backed)
<b>On board power</b>	Power fail detection 3.6 Volt Nickel Cadmium battery 5 Volt regulation
<b>Capability</b>	Maximum of sensors = 32 (2 runs of 16 sensors)

Diviner 2000 EnviroSCAN TriSCAN Sentek PLUS All-in-One Sentek RT6 Sentek SOLO Sentek MULTI Sentek Drill & Drop IrriMAX SoluSAMPLER