

Sentek

IoT DTU



Efficient | Simplistic | Continuous

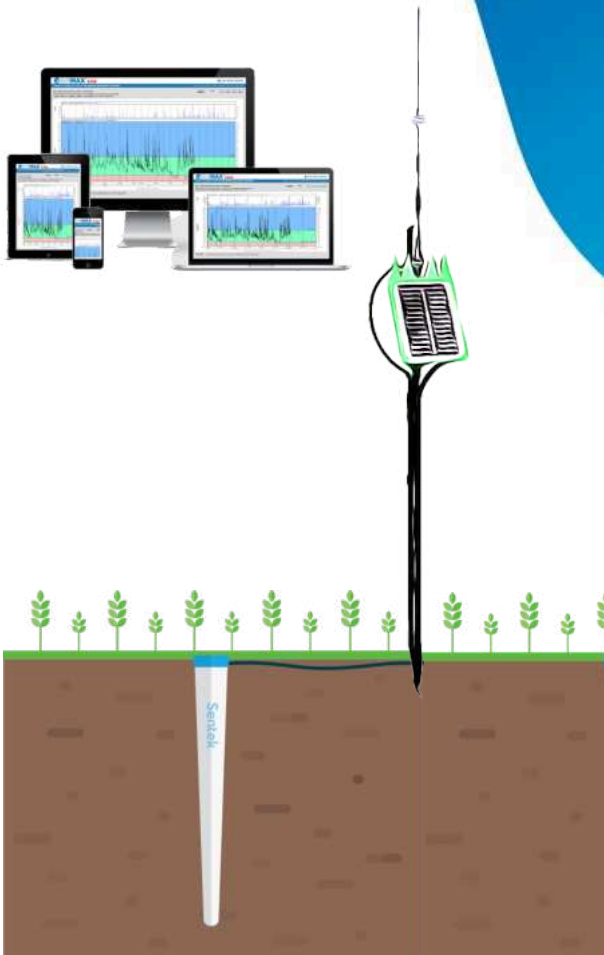


The Sentek IoT DTU is an efficient, low-cost Data Transmission Unit (DTU) which partners with a Sentek Drill & Drop probe to connect to Sentek's IrriMAX Live cloud platform using the latest low-power cellular technology. When the IoT DTU is paired with a Drill & Drop it provides the fastest installation methodology and is up-and-running in a matter of minutes.

Features

- Built-in solar panel with a rechargeable lithium-ion battery, which provides power to run the system and charges the battery.
- Provides a 10m operating distance from a smartphone for initial setup using a Bluetooth connection and our app.
- Housing is watertight to IP68 and is sealed from moisture intrusion.





- Unit is designed to provide an easy method to open providing users access to use their own or Sentek provided SIM Card, or for other maintenance purposes such as replacing the battery.
- A Mounting Bracket is provided that will allow users to mount the product on any pole using cable ties, pipe clamps or screws.
- The DTU supports an external 7dB antenna on the supplied bracket or 4m extension if required.
- Requires Micro SIM Cards.
- Supports the Drill & Drop brickless Stage 2 probe with 14-pin connector.
- Connector fitted with dust cover to protect vent when no probe is connected.
- Supports shipping mode allowing the DTU to be shipped with battery connected.

Specifications

Probe Type: All RS232 Plus Drill & Drop probes with 14 pin connector ('brickless'), firmware version V2.1.1 or higher recommended.

Battery: 11.1v 3350 mAh rechargeable Li-Ion battery with integrated protection.

Solar Panel: 15v 3W.

Operating Temperature: -20 Deg C to +60 Deg C, Solar Charging limited to under +40 DegC.

Bluetooth connectivity: Supports Probe Utility for iOS (V1.1.1 or higher recommended).

Cellular: 4G CAT-M (AU & US), 2G and 4G CAT-M (Europe) and 3G and CAT-1 (Optus) requiring Micro SIM Card, External 7dB Antenna.

Mounting: Single bracket mounted using 2x 12G self tapping screw or 2x 5mm UV Cable Ties to existing post.

Weight: 850g (Excluding mounting bracket).

Please note that the app for the new DTU does not currently support Android devices.