

Sentek

IoT DTU



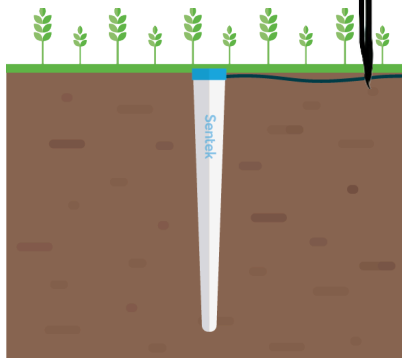
Simple | Efficient | Continuous

Sentek's 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 and rechargeable lithium-ion battery
- Versatile mounting, with included bracket, to any pole using cable ties, pipe clamps or screws
- External 7dB antenna on supplied bracket, or on a 4 m extension if required
- Water-tight housing (IP68) protecting against moisture intrusion
- Supports Drill & Drop™ probe with 14-pin connector (includes protective dust cover)
- Designed to easily open for maintenance such as SIM or battery replacement
- Bluetooth® connection via smartphone app for first setup (10m operating range)
- Shipping mode support allowing battery to remain connected for transport



Specifications

Probe Type	Drill & Drop™ probes with 14-pin connector, PLUS-Internet firmware V2.1.1 or later
Battery	3350 mAh (11.1 V) rechargeable Li-Ion battery with integrated protection
Solar Panel	3 W, 15 V
Operating Temperature	-20 °C to +60 °C, solar charging limited to below +40 °C
Cellular	Region specific, including 4G Cat-M1 and 2G networks, via external 7dB antenna (requires micro SIM card)
Bluetooth Connectivity	Sentek Probe Utility for iOS and Android (app V1.1.1 or higher recommended)
Mounting	Single bracket to an existing post using 2x 12 gauge self tapping screws or 2x 4mm UV cable ties
Weight	850g (excluding mounting bracket)

