

Nexus Blue

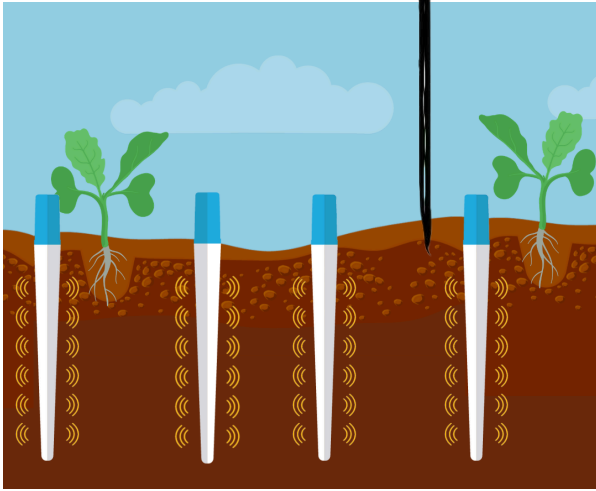


Effective | Systematic | Continual

The Sentek Nexus Blue is an efficient low-cost Data Transmission Unit (DTU), connecting with multiple Drill & Drop™ Bluetooth® probes and uploading to Sentek's IrriMAX Live™ cloud platform using the latest low-power cellular technology. The Nexus Blue installs quickly with data available immediately.

Features

- Built-in solar panel and rechargeable lithium-ion battery
- Initial setup using Drill & Drop™ Connect App (iOS & Android) from a Bluetooth® connected smartphone (10 m operating range)
- Water-tight housing (IP68) protecting against moisture intrusion
- Designed to easily open for maintenance such as SIM or battery replacement
- External 7dB antenna on supplied bracket, or 4 m extension if required
- Supports downloading/uploading from an unlimited number of Bluetooth® probes within 5 m of the DTU
- Supports remote firmware update
- Supports multiple DTUs for redundancy (DTUs will share the downloading)
- Configure to download from any probe within range (default), or only probes with a specific group ID
- Push button switch for easy activation or exit from shipping mode



Specifications

Probe Type	Drill & Drop™ Bluetooth® probes
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 (requires micro SIM card)
Mobile Device	Android 5.0 or higher iOS 5 or higher
Mounting	Single bracket to an existing post using 2x 12 gauge self tapping screws or 2x 4 mm UV cable ties
Weight	850g (excluding mounting bracket)

