

'Mini' Data Logger

Compact solar-powered data logger — built tough for Australian conditions

The **BushLinx Mini** is a compact, solar-powered data logger built for reliable on-farm monitoring where a smaller footprint and lower cost are needed. Connecting via long-range cellular (CAT-M1, NB-IoT) or the BushLinx 915MHz AR-Tech local radio network, the Mini pairs with SDI-12, RS485 Modbus RTU, pulse/frequency and analogue sensors to turn raw on-farm readings into the actionable intelligence you need to make better farm management decisions. Designed, built and supported in Australia, and FireFly compatible for seamless integration into your existing BushLinx network.

KEY FEATURES

- Dual connectivity — Cellular CAT-M1 / NB-IoT or 915MHz AR-Tech local radio
- FireFly compatible for fast integration into existing BushLinx networks
- Solar powered — 9V 3W panel with 6V 2200mAh NiMH battery backup
- Flexible data logging — slot times from 5 minutes to 1 day per device
- Multiple logging modes — averaging, instant read, circular averaging, sum
- Supports Tech Data plus 2 configured devices, 10 sensors per device
- Versatile sensor connections — SDI-12 / RS485, pulse/frequency and analogue
- Sensor power output up to 200mA at 12V
- Designed, built and supported in Australia

TYPICAL APPLICATIONS

- Soil Moisture Monitoring
- Tank & Bore Level
- Weather Monitoring
- Irrigation Scheduling
- Pump & Flow Monitoring
- Remote Farm Telemetry



TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Connectivity	Cellular CAT-M1, NB-IoT, 915MHz AR-Tech local radio
FireFly Compatibility	Yes
Battery	6V 2200mAh NiMH
Solar Panel	9V 3W
Sensor Power Output	Battery voltage 12V, up to 200mA
Logging Slot Times	5 minutes to 1 day per device
Logging Modes	Averaging, instant read, circular averaging, sum
Sensor Device Support	Tech Data plus 2 configured devices, 10 sensors per device
Sensor Connections	1 × SDI-12 / RS485 Modbus RTU bus, 1 × pulse or frequency, 1 × analogue 0-5V or 4-20mA
Certification	RCM (Regulatory Compliance Mark)
Origin	Designed, built and supported in Australia

ORDERING

MODEL	DESCRIPTION
Mini	BushLinx Mini data logger — cellular CAT-M1/NB-IoT & 915MHz AR-Tech radio, solar powered, FireFly compatible