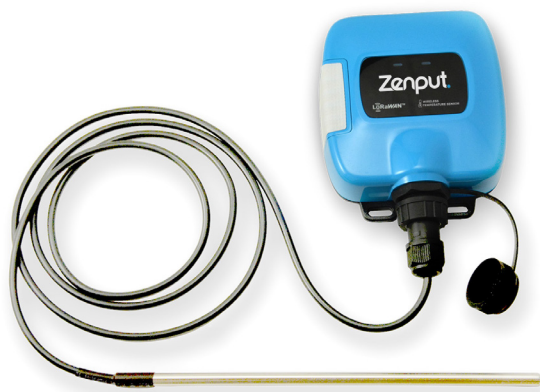


External Temperature Probe

TECHNICAL SPECIFICATIONS



Rugged Durability with a Broad Sensor Array

Robust enclosures provide a robust and resilient platform for recording and delivering sensor data from a range of harsh environments



Comprehensive Security and Reliability

Robust security at each interface to safeguard your network at every level



Broad Certification and Approvals

Ready for deployment in multiple regulatory domains - FCC, IC, CE, ASNZS, NCC, IMDA and Bluetooth SIG listing

Chipset	LoRa®	Semtech SX1272
	Bluetooth®	Nordic nRF51822 – 256 k/32 k
LoRa	Frequencies	863 – 870 MHz (EU), 902 – 928 MHz (US), 915 – 928 MHz (AU + AS923)
Temperature Probe	Accuracy Ranges	-10 C to 85 C (+/- 0.5 C) -55 to +125 C (+/- 0.9 C)
	Dimensions	Overall length 1520mm stainless steel end tube - 6.0mm (dia.) x 213mm (length)
Antenna Power	Integrated	Custom antenna for 868, 915, or 923 MHz. Ceramic chip antenna for 2.4 GHz
	Battery	2 x AA - replaceable
Storage	Data logging	10,000 measurements (256 k of flash memory available)
LED	Status	3 – Bluetooth LE and LoRa status
Button	User Input	Multi-use – default Bluetooth LE pairing
Physical	Enclosure Dimensions	116 x 131 x 34 mm
	Connector	RJ45C Jack (IP66~68 rated), user connected

Environmental	Enclosure Operating Temp	-25° to +50°C (temperature range dictated by AA battery chemistry, Alkaline/Lithium)
	Storage Temperature	-40° to +50°C
Regulatory	Approvals	FCC, ISED, EU, ASNZ, NCC, IMDA, and Bluetooth SIG
Warranty		1 Year Warranty
