



AUS-iot DSU-Lx-xxx



Overview

The **AUS-iot DSU** is a high-precision LoRaWAN® **ultrasonic** distance sensor designed for reliable IoT applications. Using ultrasonic sensing with built-in temperature compensation, it delivers accurate and stable measurements across varying environmental conditions. Compact, rugged, and power-efficient, the DSU supports long-range wireless connectivity and real-time monitoring, making it ideal for liquid level monitoring, industrial automation, environmental management, vehicle parking systems, and waste management.

Offering maximum flexibility, the DSU can integrate directly with the AUS-iot System suite for advanced analysis and automated reporting, or connect via API and simple CSV file exchange for third-party platforms. Operators benefit from instant fault notifications—such as abnormal readings, leaks, or blockages—delivered by mobile app or email to ensure rapid response and improved safety.

With proven reliability, efficient communication, and versatile integration options, the AUS-iot DSU provides a scalable, low-maintenance, and cost-saving solution for smart infrastructure and industrial monitoring.

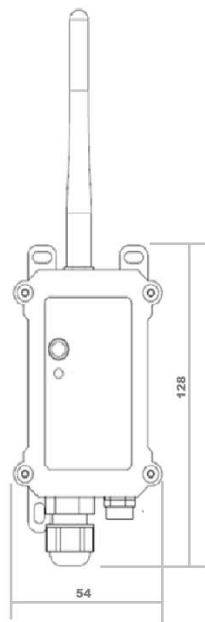
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Features

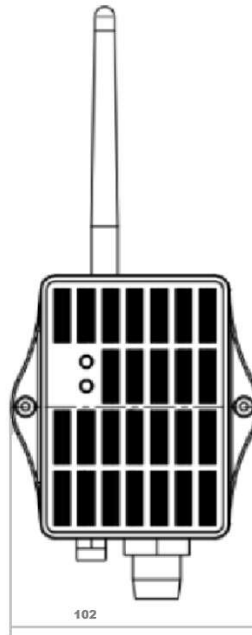
<ul style="list-style-type: none"> • Ultrasonic technology • Temperature compensation for accuracy • Measures from 280mm – 7500mm • Configurable data upload period • Simple installation / No maintenance • Accuracy: +/- 1cm + 0.3 	<ul style="list-style-type: none"> • Long distance communication up to 15 km • 10+ year Life / Ultra-low power • LoRaWAN Class A • Approved for use in SA, AUS, USA, EU • Solar backup option • Measurement angle 40 °
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Mechanical

AUS-iot DSU-LB xxx



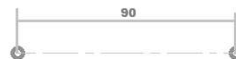
AUS-iot DSU-LS xxx



Ultrasonic Sensor



Mechanical Mounting



Dimensions in mm

Order Code

Product	Type	Technology	Comms	Power	Radio Band
AUS-iot	D - Distance	U - Ultrasonic	L – LoRa	B –Battery S – Solar	868 - South Africa 915 - Australia

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