



AUS-iot DSM-Lx-xxx



Overview

The **AUS-iot DSM** is a high-precision LoRaWAN® **microwave** distance sensor engineered for harsh IoT environments. It delivers accurate and stable distance measurements with built-in temperature compensation, ensuring reliable operation across challenging conditions. Compact, durable, and power-efficient, the DSM provides long-range wireless connectivity and continuous real-time monitoring, making it ideal for industrial, environmental, sewer, and waste management applications.

The solution offers flexible integration options: full backend connectivity with the AUS-iot System suite for advanced analysis and automated reporting, seamless API integration with third-party platforms, or simple CSV file exchange for straightforward data handling. Operators can receive instant fault notifications such as abnormal readings or blockages—via mobile app or email, improving safety and reducing downtime.

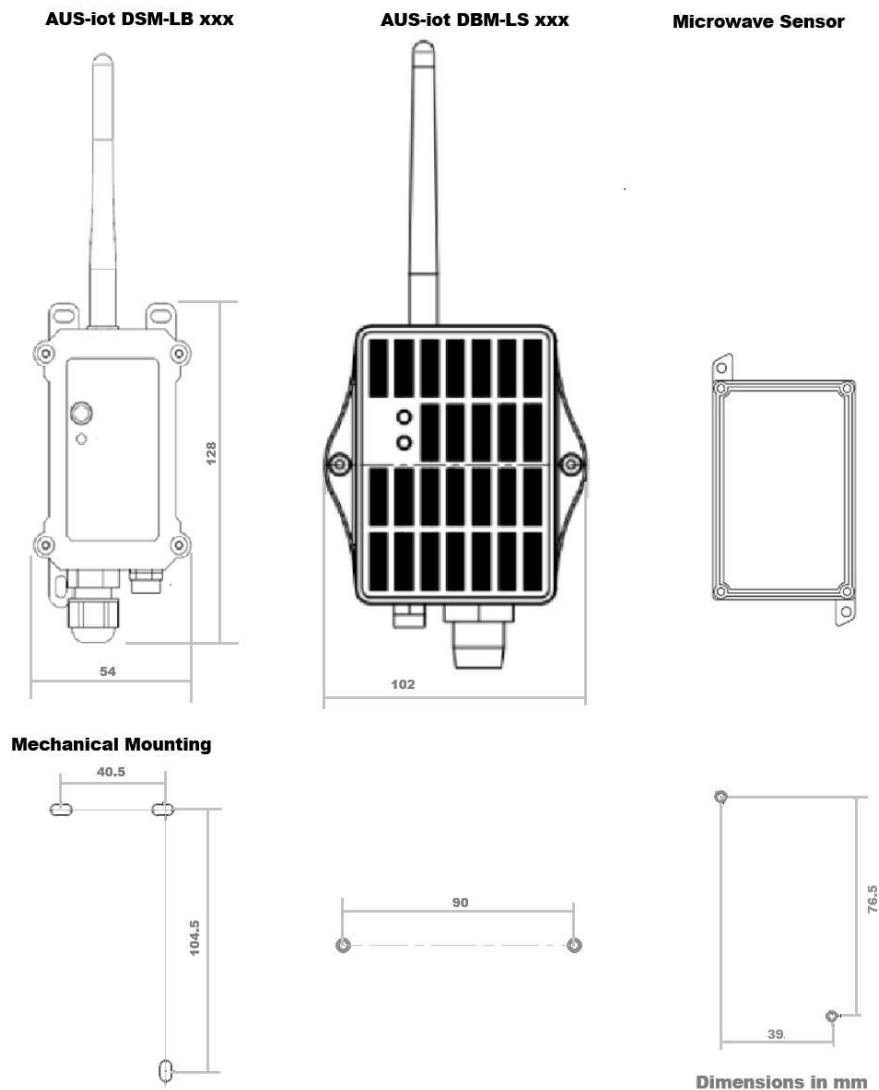
With its robust design, efficient communication, and flexible integration pathways, the AUS-iot DSM enables scalable, low-maintenance, and cost-saving monitoring for critical infrastructure and utilities in the most demanding environments.

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Features

<ul style="list-style-type: none"> • Microwave technology • Temperature compensation for accuracy • Measures from 500mm – 15000mm • Accuracy 0.03% FS +/- 2 cm • Simple installation / No maintenance • Configurable data upload period 	<ul style="list-style-type: none"> • Long distance communication up to 15 km • 5+ year Life / Ultra-low power • LoRaWAN Class A • Approved for use in SA, AUS, USA, EU • Solar backup option • Configurable Alarm
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Mechanical



Order Code

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

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