

Wombat S3

Smart Sensor Suite

**A sovereign, software-definable,
intelligent transceiver to support
user-configurable RF applications**



Product Overview

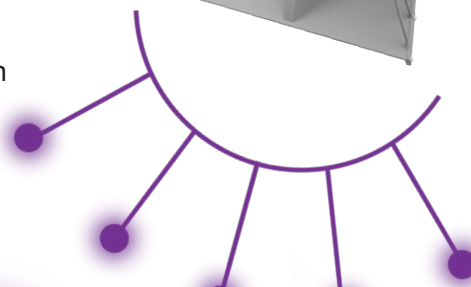
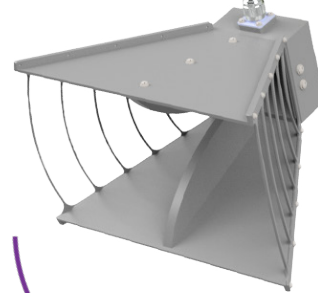
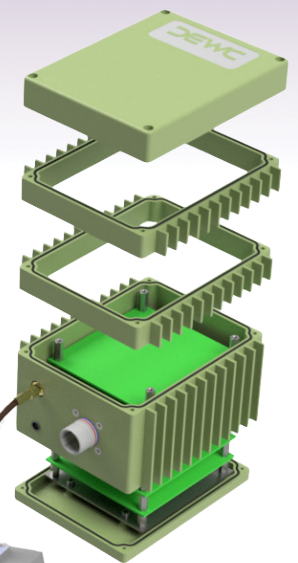
The Wombat S3 (Smart Sensor Suite) provides a wide range of hardware configuration options, all supported by a common software architecture and intuitive User Interface. The Wombat S3 is part of the DEWC Systems Smart Sensor Range of products.

Features

- Australian designed and built
- Reconfigurable hardware
- ITAR-free
- Wide RF coverage that is configurable to user requirements
- Multiple receive and transmit channels
- Ruggedised for deployment into the field
- Low-power sleep can be 'woken' by event-based triggers
- Common software architecture to support applications
- Two footprint sizes – 100x100mm and 50x50mm

Applications

- Ultra-wideband radar for detection of concealed threats
- Cognitive tools for pre-emptive Electronic Attack
- High-power illuminator for bistatic operations
- Static and dynamic radar cross-section measurement
- Space domain awareness by RF spectrum monitoring
- Spectrum monitoring for channel assurance and allocation



Wombat S3

Compact. Rugged. Uniquely Australian.

DEWC
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