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Thales Defense & Security, Inc.



Products

22605 Gateway Center Drive
Clarksburg, MD 20871

CAGE Code 23386

SquadNet

Radio Communications for the Modern Soldier



The SquadNet Software Defined Radio (SDR) leverages advanced technology to provide assured voice and data communication in an ultra-compact form factor. SquadNet is a simple yet comprehensive radio offering a flexible, high reliability, low maintenance and extended battery solution and is optimized for Secure But Unclassified-Encrypted (SBU-E) operations. SquadNet's waveform is a frequency-hopping MANET, supporting simultaneous voice and data. SquadNet features field-proven interoperability with Nett Warrior devices highlighting its ability to work with the U.S. Army Integrated Tactical Network (ITN).

ITAR Controlled

Capabilities

Key Features

- Secure Communications
- Built-in Programmable encryption
- Extended range
- Up to 6 km with network relay mode
- Instant, accurate Information
- GPS for user locations
- Extended mission life
- Removable, rechargeable battery
- Up to 28 hours of operation from a single charge
- Compact and rugged
- Designed for the most challenging environments

Technical Specifications

Physical Parameters

Size: 109 mm x 65 mm x 33 mm

Weight: 250 g (including battery)

Frequency: 865 MHz – 880 MHz

Channels: 100 talk groups across 50 channels with up to 50 users per channel

Rechargeable, removable 3.7 V battery providing up to 28 hours of operational life

Integrated GPS and Bluetooth

Key generation and Fill' PC software

Zeroize capability

Transmit timeout function

Robust ancillary connector

Range of ancillaries

Enhanced level of environmental and EMC performance: MIL-STD 810G Environmental MIL-STD 461F EMC

Android app with remote control, situational awareness and web-bridge capability: Web-bridge via 3G, LTE or Wi-Fi

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CERTIFIED
ISO 9001 · AS 9100

Specifications are subject to change without notice.

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