



■ BITTIUM TOUGH MOBILE™ 2 TACTICAL

Complete solution
for dismounted soldier
awareness

BITTIUM TOUGH MOBILE™ 2 TACTICAL



The ultra secure Bittium Tough Mobile™ 2

smartphone and its secure software solutions are the perfect additions to your tactical communications system. Combined with Bittium Tough SDR Handheld™ tactical radio and dedicated accessories, it is a tactical solution that enhances situational awareness securely and reliably.

When Tough Mobile 2 is connected to the Tough SDR Handheld radio or other compatible radios, it can utilize the tactical network the radio is part of. For effective operational use, the solution has been tested with multiple battle management (BMS) applications, such as SitaWare and ATAK.

Uninterrupted power supply for both Tough Mobile 2 and Tough SDR Handheld is ensured by the portable and high-capacity Bittium Tactical Power Pack™ with its hot swap functionality.

Benefits

Ultra secure mobile communications in tactical communications networks

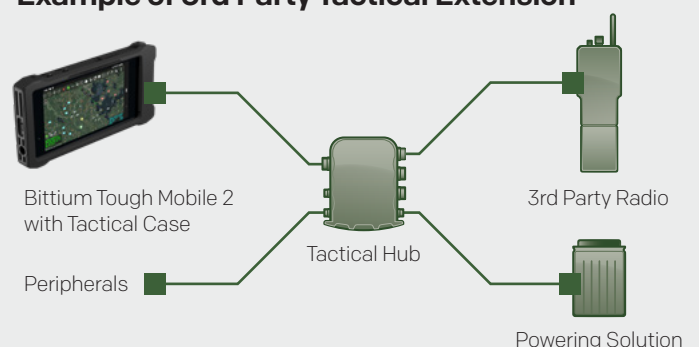
Compatible with Bittium Tough SDR Handheld™ and 3rd party MANET radios

Effective operational use together with battle management applications

Uninterrupted power supply with Bittium Tactical Power Pack™

Dedicated tactical case and mount for easy hands-free usage

Example of 3rd Party Tactical Extension



For more information, please contact:

defence@bittium.com

Complete Tactical Solution



SafeMove® software suite supports dismounted soldier awareness by providing seamless roaming across networks and securing the untrusted network connections, offering control for the end-user device fleet, and for securing communications.

Bittium Tough Mobile™ 2

- Designed and manufactured in Finland
- Hardware based, multi-layered security architecture
- Configurable hardware keys (PTT, Emergency & Privacy buttons)
- Android 11 with different versions (GMS, non-GMS, dual-boot)
- Military-grade durability (IP67/MIL-STD 810G)
- Excellent usability with gloves
- Support for USB-over-Ethernet protocol connections
- See separate datasheet for more information

Product code:
several product variants available

Tough Mobile 2 Tactical Case

- Rugged casing by Juggernaut for effortless access to Tough Mobile 2
- Connectivity to tactical radios, hubs, audio accessories, and USB sensors
- Quick Disconnect thumb screw attachment
- Several cabling options

Product code: 9404601
(black, also available in FDE)

MOLLE Mount for Tough Mobile 2 Tactical Case

- Integrates the Tough Mobile 2 Tactical Case to any PALS/MOLLE webbing platform or body armor rigs
- Adjustable friction hinge, allows user to adjust the phone in a fixed position
- Flexible polymer material that bends

Product code: 9404602
(black, also available in FDE)

Bittium Tough SDR Handheld™

- Advanced software-defined tactical radio for dismounted soldiers
- Secure communications over narrowband and wideband waveforms
- Widest frequency range, 30 MHz to 2500 MHz, enables frequency agility and less interference
- Unique application sandbox providing flexibility for integration of different C2 applications, such as BMS and blue force tracking
- See separate datasheet for more information

Bittium product code: 9400132
NSN: 5820-58-001-5342

Battery Eliminator for Handheld

- Connects Tactical Power Pack with Tough SDR Handheld

Product code: 9404505

Bittium Tactical Power Pack™

- Consists of an adapter and two 70 Wh Tough SDR Handheld batteries
- Battery eliminator Tough SDR Handheld pins: 15VDC, GND, SMBUS
- Single battery use
- Dual battery use (hot swap)
- Button to indicate state of charge for batteries (upper/lower battery)
- Operating temperature -20°C ...+55°C
- See separate datasheet for more information

Product code for adapter: 9305310

Bittium product code
for battery: 9304758
NSN: 6130-58-001-5768

Data & Power Delivery Cabling

- Tough SDR Handheld transmits both data and power to Tough Mobile 2 via the combination of an adapter cable and USB power delivery cable
- The adapter cable allows use of different USB power delivery Nett Warrior cables with the Tough SDR Handheld

Product code for adapter cable: 5501213

Product code for USB power delivery cable: several options available

3rd Party Tactical Extension

- Tough Mobile 2 Tactical Case is compatible with Juggernaut SLEEV QD cables
- NATO STANAG 4695 Nett Warrior Soldier Power Connectivity compliant cables and tactical hubs available from third parties