



Vector Tracking and Communications System (V-TACS)

Exponent Tactical SATCOM Radio



- DNX Ready
- Push-to-Talk Voice
- Position Tracking
- Text Messaging
- Application Data Transport
- Telephony
- ATK Compatible
- Waterproof to 1 Meter



Vector Tracking and Communications System (V-TACS) is a fully integrated operations management network delivering exceptional command, control, and communications capability for operations anywhere in the world. Utilizing the Iridium low earth orbit satellite network, the DNX ready Exponent handheld SATCOM radio or base station comprise the tactical SATCOM portion of V-TACS. The 5x V-TACS server brings together tracks from multiple sources and publishes a common operational picture that can be accessed over an IP network connection. Whether in a vehicle, vessel, aircraft, or on foot, Exponent connects operators with Push-to-Talk (PTT) voice, application data transport, and position location information, delivering unparalleled situational awareness to everyone on the network. V-TACS supports USB, Bluetooth, and serial interfaces to allow connection to common C2 applications, including the Android Team Awareness Kit (ATAK).



V-TACS SATCOM Radio Technical Specifications



Physical Characteristics

Dimensions: 100x70x30mm

Weight: 350g

Environmental Protection

IP-68 (Full immersion)

Operating Temp: -20 to 70° C

Interfaces

Audio: Binder 4-pin712 Series

Antenna: 2x SMA (GPS/satellite)

Bluetooth Low Energy

32-Pin Side mount connector

USB 2.0

Serial (RS-232)

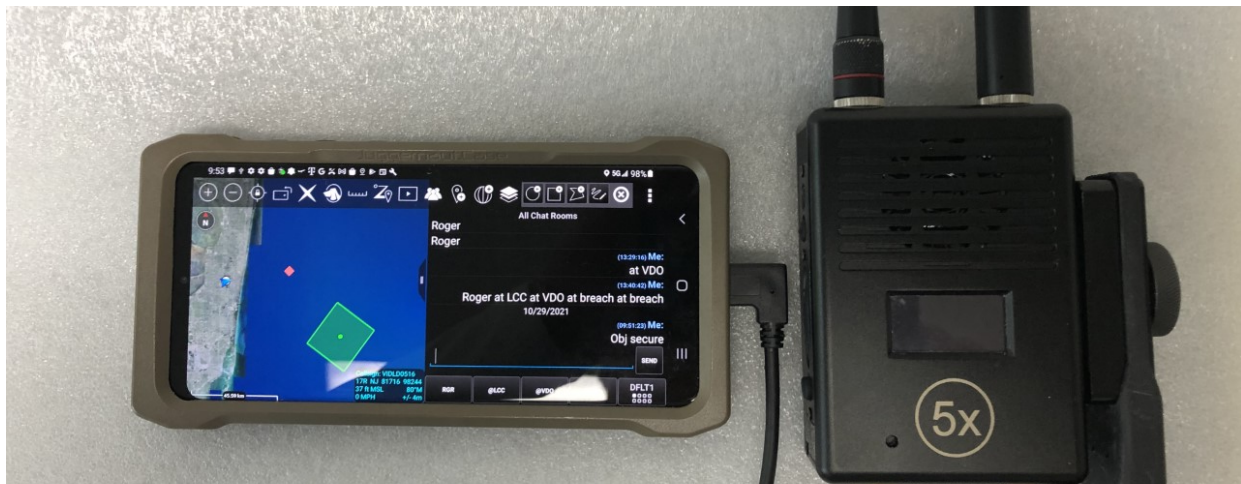
GPS

Receiver Type: 56-Channel L1 C/A

Position accuracy: 2.5m

Accessories

Description	Part Number
Peltor noise canceling headset with Binder connector	WSFF-HS-001
Speaker Microphone	WSFF-HS-002
Lightweight Ranger Headset	WSFF-HS-004
USB Data Cable, 2m	CBL-WSFF-USB-01
Locorum Operations Management Software Application	OEM-SW-004
Android Team Awareness Kit (ATAK) Plug-in APK	SW-ATAK-001



V-TACS SATCOM Radio with ATAK Tablet Running over USB Connection