



T-TAC

THURAYA TACTICAL RADIO EXTENDER OVER SATELLITE BEYOND-LINE-OF-SIGHT (BLOS) RADIO COMMUNICATIONS FOR VHF AND UHF RADIO USERS

Beyond-Line-of-Sight freedom – extends VHF and UHF radios over satellite, ensuring uninterrupted communication in rescue missions, disaster zones, or conflict areas.

Instantly mission-ready – lightweight, low-power, and rapidly deployable, designed to keep teams connected anywhere without relying on terrestrial infrastructure.

Seamless interoperability – connects different radio systems together, maintaining encryption and secure communications across forces and agencies.



THURAYA TACTICAL COMMUNICATION.

ManPack

The T-TAC ManPack is a mobile terminal which is used by forces on foot to communicate on the move. With the omni-directional antenna there is no need to stop and point.

Key features

- Compact and light weight (109x149mm, 410g)
- Robust and durable for harsh environmental conditions (IP68)
- One cable connection makes it easy to use
- Pole mount to optimize functionality and reception



Vehicular

The T-TAC Vehicular is a fixed mobile terminal which is used by forces to communicate on the move. It is typically mounted on the car roof with either magnetic mount or rail mount.

The tactical UHF/VHF is placed inside the car and connected to the Converter Unit that can be placed for example in the trunk.

Key features

- Small antenna size and light weight (109x142mm, 450g)
- Robust and ingress protected unit (IP68)
- Easy installation - magnetic mount or rail mount
- Cable sideways to get unit low mounted



Maritime

The T-TAC Maritime is a fixed installed terminal on board of vessels, together with the Maritime omni-antenna. The antenna is usually mounted on a pole whereas the pole mount is integrated into the antenna.

The T-TAC Maritime terminal is powered through the main or auxiliary battery on board the vessel and is therefore designed to withstand power surges produced by engine cranking.

Key features

- Small antenna size with pole mount for easy installation on vessels (109x183mm, 410g)
- Robust and ingress protected unit that matches maritime environment (IP68)
- Bottom cable entry for simple cabling



Aeronautical

The T-TAC Aero system utilizes a passive standard approved antenna for smaller airframes and helicopters.

The antenna has high efficiency and is connected to a small HPA / LNA unit that can be mounted inside the aircraft.

Key features

- Small and lightweight:
 - Antenna: 272 x 97 x 116 mm (770g)
 - HLD: 31 x 164 x 98 mm (630g)
- DO-160 certified for use on aircrafts
- Built to withstand shock and extreme vibrations (IP68)
- Durable to harsh environmental conditions

