

SCC TITAN ECHO



A SMALL, DURABLE SATELLITE BASED TRACKING DEVICE WITH SECURE COMMUNICATIONS AND PANIC ALARM CAPABILITIES

Tracking

Echo operates on the Iridium satellite network, which offers complete global coverage and the option of AES 256 bit encryption. Robust and versatile, the device can be hand-carried or deployed as a vehicle tracker using the optional vehicle kit. The reporting rate can be changed as required over the air, from 30-second intervals upwards.

Waypoint marking and 'check-in' messages are also supported, all controlled through the device's simple one touch buttons. The Echo is an ideal unit for the dismounted soldier or police officer on the ground, a simple to use tracking device that can be unique to each person. Easily programmable with either a personal information such as army number, call sign, blood group. The user can learn how to use the devices in a matter of minutes with its ergonomic design for On/Off, Checkin, text update and emergency functions. We have listened to the operationally adaptive military and police community, and the Echo meets the standard as a robust and easy to use device, when the situation requires. The Echo can be used as a standalone or be connected to a ruggedised tablet for great functionality of viewing other assets and sending two way short burst data messages using the SCC TITAN software.

Emergency Alert

When the Emergency Alert button is pushed, audible and visual alerts appear on the SCC Platform. Notification of the alarm is also automatically forwarded by SMS and e-mail to nominated recipients and SCC Tactical first responders.

Chat Messaging

The Echo provides 2-way chat messaging (free text) using an Android smart phone or tablet between the device and the SCC Platform, device to asset group and device to device is supported. Free text, predefined canned messages and asset groups are available.

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SCC Platform

Combine the Echo with blue force tracking, command and control software the SCC Platform and allow your commanders to monitor and manage their personnel and assets on an affordable common operating picture.

As the SCC Platform is web-based, users can access it from anywhere with an internet connection, whether that be a mobile tablet computer or a sophisticated operations centre. Track24 has also introduced a field-based SCC application, the SCC Tactical. This uses the Echo as a secure communication bearer to provide blue force tracking and command and control from anywhere in the world.

Technical Specification

Communication	Iridium 1616 to 1626.5 MHz GPS Frequency: 1575.42 MHz
Dimensions	152 x 57 mm x 25 mm
Weight	160 g
Operating temperature	-20 C to +55 C
Dust & Water Ingress	IP68
Interfaces	Standard mini USB Bluetooth
Security	AES 256 Encryption
Power	Direct 5v
Battery life	When fully charged, the Lithium-ion battery should power the Echo for up to 900 continuous position reports.
Nato stock Number	5895-99-216-4223

ECHO IS A PIONEERING TRACKING SOLUTION. THE LATEST HANDHELD SYSTEM OF ITS KIND FOR MILITARY, POLICE & GOVERNMENT PERSONNEL, AND VEHICLES ANYWHERE IN THE WORLD. WORKING OVER THE IRIDIUM SATELLITE NETWORK, THE ECHO OFFERS NEAR REAL TIME SECURITY TRACKING, SATELLITE MESSAGING AND A PANIC ALARM IN ONE SMALL HANDHELD DEVICE. THE ECHO IS WATERPROOF TO 2M DEPTH.

