

Iridium 9523 PTT Integrator Development Kit

The robust Iridium Push-to-Talk Integrator Development Kit allows developers to quickly and easily incorporate the Iridium Push-to-Talk Service into powerful solutions. This development platform accelerates integration of the PTT-capable Iridium Core 9523 satellite transceiver. It allows developers to easily incorporate Iridium Push-to-Talk into a wide variety of new or existing radio, voice and data solutions.

Iridium 9523 PTT Development Kit Features

Configurable Host Control

- Connect to the modem through the USB interface or the Expansion Port
- All components of the kit are available for control through either interface

Minimalist and Clear Configuration Options

- Configuration DIP switches for clarity
- Explicit identification of default configuration and switch effects

Investigation-Friendly Design

- Probe-connection points for engineering tools to all modem interface signals
- LEDs visually indicate various states of interest

Single Micro-USB Connection

- Eliminates clutter and simplifies interface
- Allows remote control of GPIO signals

Other Features

- SIM card holder
- Digital audio port access

Multiple Power Supply Options

- Single-source operation for convenience
- Bench-supply option allows separation of modem from supporting circuitry

GPS Receiver Included

- Provides necessary timing information to Iridium modem
- Enables location-aware host application development

Example Expansion Board

- Demonstrates Expansion Port concept in-use
- Allows immediate development on Arduino, Beagle Bone, or Energy Micro processors



Box Contents

Firmware: Dual Mode Iridium Core 9523 L-Band Satellite Transceiver (Phone/PTT)

Hardware: Iridium Core 9523 Push to Talk Enabled Module

Hardware Development Kit: Signal Router Board, 9523 Modem Adapter Board, Example Expansion Adapter Board

Accessories: L-Band & GPS Antennas, Power Supply with International adapters, USB Cable, USB Drive, Earbud, Microphone, Carrying Case, Screws

Software: Iridium Core PTT Software Development Kit on USB Thumb Drive.
User Documentation.

For more information about the Iridium Push-to-Talk Integrator Development Kit please contact us 1-877-299-9931 or via email at info@northernaccess.com.