COMING SOON

IPR4600
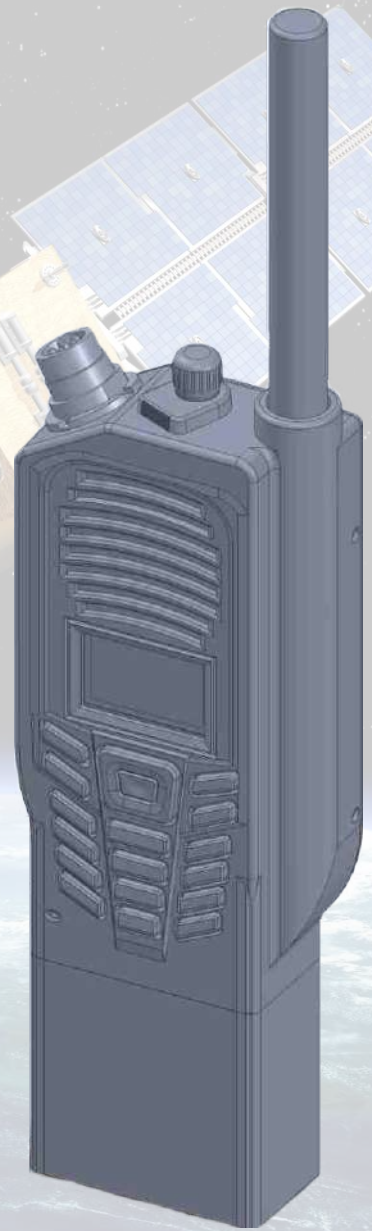# IP COMMUNICATOR®
RUGGED FIELD UNIT with Global PTT ™

Secure Push To Talk over IP
Satellite / Cellular / WiFi / Ethernet

Global PTT ™

Global PTT ™ is the ability for an IP Communicator to communicate Globally with any other Global PTT ™ enabled technology

- ABS fiber design ensures rugged and reliable operation in moist/sandy environments
- Sealed handset connector design utilizing standard U-183/U-283 audio connector
- Secure IP based PTT device that least cost routes based on available data source
- Unlimited Channels and Talk Groups (contains groupings of channels)
- Web management tool enabling global configuration and depolyed units
- Sunlight viewable LCD display with backlight transflective Liquid Crystal Display
- End to End encrypted to FIPS 140-2 compliant AES 256 bit with user loadable keys
- Exportable to most countries without the need for any export restrictions
- No Static IP's required when operating over VTrunk™ , Link's Cloud Based Routers
- Integrated GPS for unit location and tracking with external antenna
- Optional integrated cellular radio for GSM, HSPA+, EVDO and other cellular networks
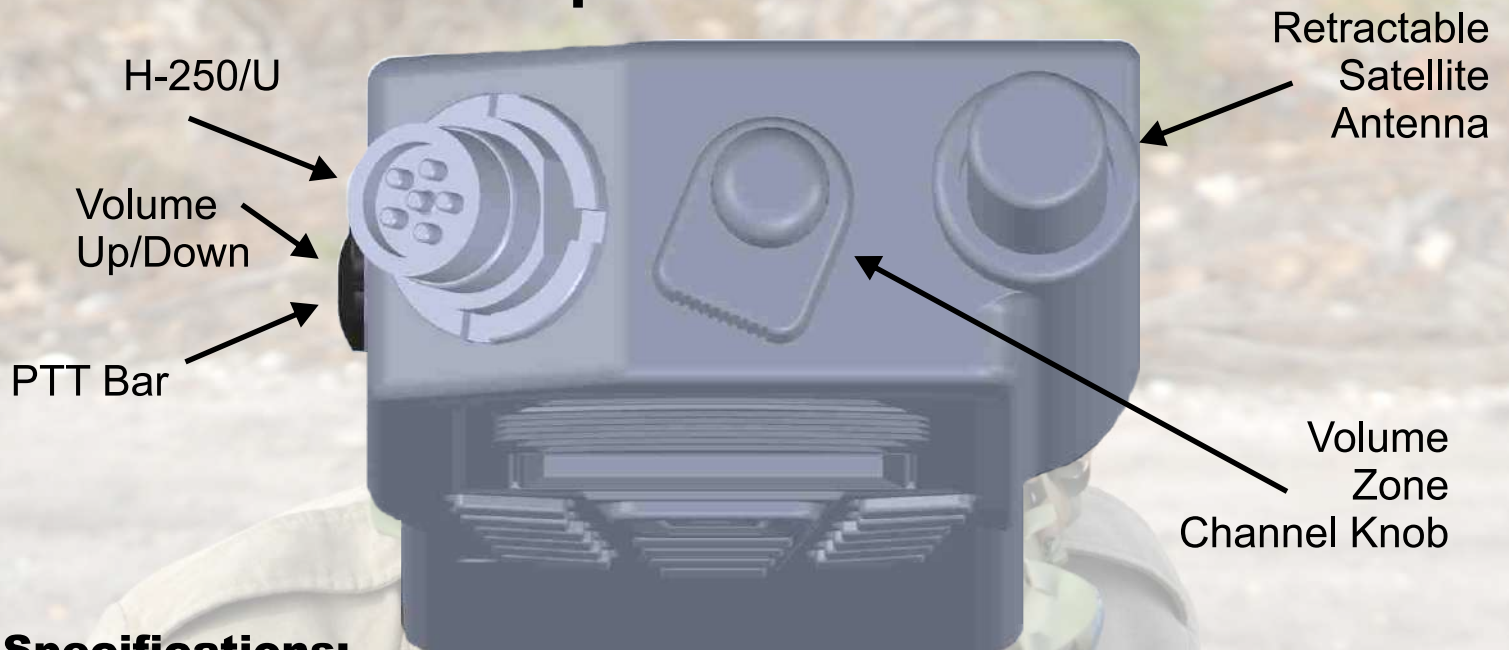- Optional Globalstar or Thuraya Satellite module for global PTT communications

link communications ®

Contact Information:

Link Communications, Inc.
www.link-comm.com
(406) 245-5002

Specifications

H-250/U

Volume
Up/Down

PTT Bar

Retractable
Satellite
Antenna

Volume
Zone
Channel Knob

Specifications:

- **Battery Pack:** IP68 sealed, 2500mA/Hr, 6 cell, 7.2V pack attaches from the bottom of the radio
- **Satellite or Cellular Antenna:** IP65 sealed Retractable antenna for satellite or cellular, but not both
- Internal cellular Pentaband LTE/GSM/HSPA+/EVDO antenna
- **External Handset Connector:** IP68 sealed H-250/U 5/6 pin handset/speaker microphone connector
- **Internal GPS:** GPS/Glonass antenna for location and tracking services utilizing the Telit SL869 chipset
- **USB Port:** IP68 sealed Amphenol mini-USB connector accessible when the battery is removed
- Serial Port: Located on pins 5 and 6 on the H-250/U connector and used to load user AES-256 bit encryption keys.
- **Power:** +8V ~ +30V DC, 1.0 Amp maximum @ 12VDC input.
- **External Speaker:** 5W Class 'D' balanced audio output driving an 8 Ohm speaker
- **Handset:** The H-250/U lightweight noise canceling handset designed to meet US military specifications MIL-PRF-49078. It is interchangeable with the H-189/GR.
- **Network:** 10/100M 10 base T connection supporting cabled VoIP and management software
- Requires USB to Network options cable (Contact link Communications for additional information)
- **Processing:** 600 MIPS based Analog Devices Blackfin running uC Linux Operating System
- **Display:** 128 x 64 pixels Transflective sunlight viewable LCD display
- **VoIP CODECS:** Speex, g.711 a/uLaw, g.729 (lower bit-rate offerings in development)
- **VoIP Bandwidth:** 8 kbps minimum bandwidth assuming 500mS data packets (2 kbps in development)
- **Software Encryption:** AES-256 bit FIPS 140-2 compliant software module with user loadable keys
- **Physical Size:** 8.5 in (216mm) H x 2.97in (75mm) W x 1.4 in (43mm) D: Weight 12 oz (340 gram)
- **Temperature:** 0°F ~ 150°F (-20°C ~ +70°C), 95% Relative Humidity

Options:

- Internal EVDO, HSPA+ and LTE cellular options are available.
- Internal 868 Mhz or 902 Mhz secure digital radio enabling off-network
- Internal Globalstar, Iridium or Thuraya satellite interface enabling FIPS secure, satellite operation
- USB to Network Interface cable enabling 10/100 Ethernet connection and operation
- Battery Replacement Unit (BRU) enabling external 8V~64V DC powering and operation externally

Link Communications, Inc.   www.ip-communicator.net   **Made In The USA**