



**NSSL**Global  
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## LT-3100 SATCOM SYSTEM

NSSLGlobal has added the LT-3100 Iridium Communications System from Lars Thrane A/S to their portfolio. The LT-3100 system is a maritime satellite communication product designed for the professional market (deep sea, fishing, and workboats), but can be used for the leisure market as well. The LT-3100 is designed to run on the new multi-service Iridium Certus platform.



### The LT-3100 system:

The Lars Thrane LT-3100 system meets all standards and certification requirements needed for worldwide maritime satellite communication equipment. It offers voice and data capabilities with 100% global coverage and consists of a control unit, handset unit, and antenna unit. A single cable coaxial connects the control unit with the antenna unit. Using a standard coaxial cable, up to 500 meters of separation between the units can be obtained, giving freedom to mount the antenna in the best possible location, with free line of sight to the satellites.

The LT-3100 provides voice, SMS, data, vessel tracking, and other Iridium services with competitive airtime rates, making it the perfect satellite communication product on board any vessel. It can be used as the primary satellite communication product on vessels that covers the basic communication needs- in terms of connectivity- between the ship and shore. It can also be used for crew calling or as a back-up satellite communication product.

### Other useful features:

- Voice, SMS, Data, and Vessel tracking
- 2.4 Kbit/s and 10 Kbit/s compressed data
- Programmable softkeys for e.g. Emergency Service
- Single antenna cable solution (up to 500 m)
- High-performance GNSS/GPS receiver
- Noise-canceling microphone and equalizer for improved audio quality
- Bluetooth interface supporting voice, SMS, and data
- Large 4.3" TFT display supporting day and night
- Voice prompt audio feedback
- Firewall and user authentication for high level of security
- Webserver for configuration and maintenance
- Support external LAN Wi-Fi Access Points
- Support external SIP PABX and SIP handsets



Find further information overleaf alongside details of your local office.

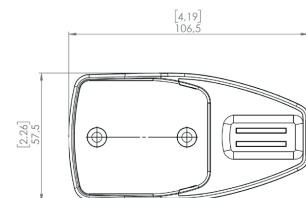
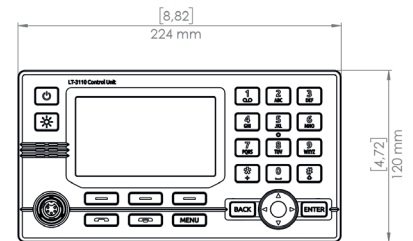


## LT-3100 SATCOM SYSTEM

- Certification & standards CE, IEC 60945, IEC 60950, EN 300 440 FCC, IC, RoHS, Iridium Communication Inc.
- Vibration, operational IEC 60945 (sine) & Proprietary Maritime Random profile (240 h)
- Vibration, survival Proprietary Maritime Random profile (100 h)
- Vibration, shock Proprietary Maritime profile (20 g, 11 ms)

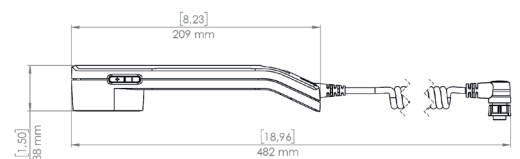
### LT-3110 Control Unit

Weight	658 g (1.45 lbs)
Dimensions	224.0 x 120.0 x 70.0 mm (8.82 x 4.72 x 2.76 in)
Temperature, operational	-15°C to +55°C (+5°F to +131°F)
IP rating, dust and water	IP32
Interfaces	Ethernet, auxiliary, DC input, chassis ground Antenna Unit (N conn.), Handset, Bluetooth, SIM card
Input voltage	10- 32 VDC



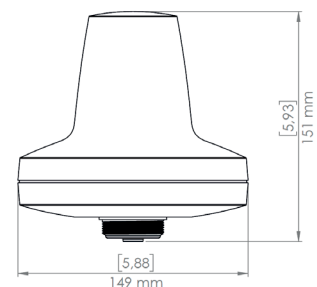
### LT-3120 Handset Unit

Weight	290 g (0.64 lbs)
Dimensions	208.8 x 52.8 x 38.2 mm (8.22 x 2.08 x 1.50 in)
Temperature, operational	-15°C to +55°C (+5°F to +131°F)
IP rating, dust and water	IP32



### LT-3130 Antenna Unit

Weight	687 g (1.51 lbs)
Dimensions	151.1 x Ø 149.5 mm (5.95 x Ø 5.89 in)
Temperature, operational	-25°C to +55°C (-13°F to +131°F)
IP rating, dust and water	IP67
Interfaces	Control Unit (N conn.)



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