



LT-4100

A HIGH-PERFORMANCE GLOBAL COMMUNICATIONS SYSTEM

With a resilient design for rough environmental conditions, LT-4100 Satellite Communications System (Iridium Certus 100) offers the professional market voice and data capabilities with 100% global coverage. Also suitable for the leisure market, it operates between a broad temperature range and can easily be adapted as the primary communications product onboard vessels, ship-to-shore as well as ship-to-ship. The single cable solution connects the control and antenna units, and the coaxial cable offers freedom to mount the antenna up to 500m apart. With a high-performance GNSS/GPS receiver and a large 4.3" TFT display, the LT-4100 is the perfect communications system for evolving business requirements.

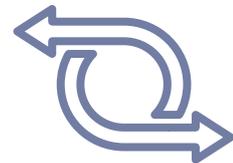
FEATURES



100% global network coverage



Single cable solution (up to 500m)



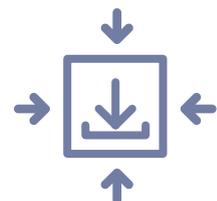
Primary communications system for ship-to-shore & ship-to-ship



Resilient design for harsh environments



Maintenance via built-in webserver



Compact and easy to install

SPECIFICATIONS

WEIGHT

Control Unit: 658 g
Antenna Unit: 1.39 kg
Handset: 290 g

DIMENSIONS

Control Unit: 224.0 x 120.0 x 70.0 mm
Antenna Unit: 182.0 x 162.0 mm
Handset: 208.8 x 52.8 x 38.2 mm

OPERATIONAL TEMPERATURE (°C)

Control Unit and Handset: -15°C to +55°C
Antenna Unit: -40°C to +55°C

IP RATING

Control Unit and Handset: IP32
Antenna Unit: IP67

IP DATA

22 kbps (up) / 88 kbps (down)

HIGH-PERFORMANCE

GNSS/GPS receiver

SINGLE ANTENNA CABLE SOLUTION

(up to 500 m)

LARGE 4.3" TFT DISPLAY

WEB SERVER

for configuration and maintenance

ETHERNET LAN INTERFACE

(mailasail)

BLUETOOTH

for Private Area Network (PAN)

SUPPORT

for external SIP PABX and SIP handsets (up to 8)

POTS THROUGH ANALOGUE

TELEPHONE ADAPTORS (ATA)

SIDEKICK SATELLITE WI-FI ROUTER

(OCENS)

PREDICTWIND OFFSHORE APP

(SmartPhone or PC)

FIREWALL AND USER AUTHENTICATION

CONFIGURATION OF FIREWALL, PORT FORWARDING, AND REMOTE ACCESS

IN THE BOX

LT-4110 Control Unit
LT-3120 Handset
LT-3121 Cradle
LT-4130 Antenna Unit
Bracket Mount, Control Unit
Power Cable, 3m
Stainless steel A4 screws for mounting
User & Installation Manual
Unit Test Sheets

USE CASES

WORKBOATS & MERCHANT VESSELS

Quickly install a comprehensive communications system with all components included in a single box. Benefit from competitive airtime charges, no yearly maintenance, and 100% global coverage.

OFFSHORE

Enable efficient work processes across a broad temperature range as well as the rough environment at sea. Support offshore operations with a single cable solution that offers freedom to mount the antenna upto 500m apart.

EMERGENCY COMMUNICATIONS

Access a dependable link for voice and data communications ship-to-shore as well as ship-to-ship. Empower crew with support for external SIP PABX & SIP handsets and a large 4.3" TFT display.

