

# LT-4200S GMDSS

## CERTUS® 200 & GMDSS BROUGHT TOGETHER



With three high-quality voice channels and up to 176 kbps data, LT-4200S GMDSS System is powered by Iridium Certus® 200 and meets all the certification requirements for onboard GMDSS equipment (IMO MED & Wheelmark + SSAS/LRIT). This state-of-the-art communications system offers 100% global coverage and operates between a broad temperature range. LT-4200S GMDSS System can easily be adapted as the primary communications product onboard small vessels, ship-to-shore as well as ship-to-ship, and deliver a stable back-up link for larger vessels. The single cable solution connects the control and antenna units, and the coaxial cable offers freedom to mount the antenna up to 150m apart. With a built-in webserver, large 4.3" TFT display, and a resilient design, LT-4200S GMDSS System is the perfect safety & communications system onboard any vessel.

### FEATURES



100% global network  
coverage



SOLAS GMDSS  
approved



Single cable solution  
(up to 150m)



Resilient design  
for harsh environments



Maintenance via built-in  
webserver



Simple  
installation

## SPECIFICATIONS

### WEIGHT

Control Unit: 658 g  
Antenna Unit: 3.70 kg  
Handset: 290 g

### DIMENSIONS

Control Unit: 224.0 x 120.0 x 70.0 mm  
Antenna Unit: 238.7 x 224.6 mm  
Handset: 208.8 x 52.8 x 38.2 mm

### OPERATING 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

176 kbps (up/down)

### COMMUNICATION CAPABILITIES

3 x High-quality voice channels  
Distress Alert  
Distress Call  
Maritime Safety Information (MSI)

### COMPLIANCE AND CERTIFICATIONS

SOLAS GMDSS Approved for Sea Areas A1, A2, and A3  
MED Module B+D, RED (CE), FCC, ISED, ROHS2, Iridium

### SAFETY AND SECURITY SYSTEMS

Ship Security Alert System (SSAS)  
Long Range Identification and Tracking (LRIT)

### NAVIGATION AND PERFORMANCE

High-performance GNSS/GPS receiver  
Single antenna cable solution (up to 150 m)

### USER INTERFACE AND MAINTENANCE

Large 4.3" TFT display  
Web server for configuration and maintenance  
Support for remote alarm panels  
Support for GMDSS printer  
Support for Bridge Alert Management (BAM)

### IN THE BOX

LT-4210S Control Unit  
LT-3120 Handset  
LT-3121 Cradle  
LT-4230 Antenna Unit  
Bracket Mount, Control Unit  
Power Cable, 3m  
Stainless steel A4 screws for mounting  
User & Installation Manual  
Unit Test Sheets

## USE CASES

### IMO-COMPLIANT SAFETY SYSTEM

Ensure IMO-compliant marine equipment with MED & Wheelmark accreditation for ships, SSAS/LRIT, and a high-performance GNSS/GPS receiver. Stay connected over Iridium's reliable satellite network.

### MERCHANT VESSELS & COMMERCIAL FISHING BOATS

Quickly install a comprehensive safety & communications system with all components included in a single box. Benefit from a reliable back-up link, competitive airtime charges, and 100% global coverage.

### OSVs & SMALL FISHING BOATS

Empower crew with three high-quality voice channels and up to 176 kbps data for ship-to-ship & ship-to-shore communications. Enable efficient work processes across a broad temperature range.