



SkyNode® S200 - the leading Safety Services SATVOICE solution for reliable global communications.

The lightest and most versatile integrated Next Gen Satellite Services (NGSS) aeronautical Iridium Satcom device.

Latitude Technologies is a leader in Safety Services SATVOICE and Data Link capabilities. The Latitude SkyNode S200-012 is a robust, Iridium-based Satcom system that meets the requirements for Long-Range Communications Systems (LRCS) for Air Traffic Services (ATS) safety services communication.

The system features multiple voice communication interface options including a Dual A739 MCDU interface for airlines and single CDU for business jets.

Built to ICAO SVGM and AC20-150B, the S200 features versatile mounting configurations compatible with a wide variety of airframes and multiple interfaces for easy maintenance and integration.



Discover Latitude

Latitude designs and manufactures leading Iridium Satcom terminals for flight data monitoring, flight following, satellite data link, and voice communications. Latitude has produced industry-leading avionics for over 20+ years.

Key Figures

SATCOM Expertise	20+ Years
S200 Installations	2,500+
Systems Certified	900+ Airframes
Global Presence	7 Continents / 100+ Countries



Latitude Technologies is part of the ACR Group of companies.

S200-012 DATA SHEET

ATS SAFETY SERVICES TERMINAL

Installation kit includes:
S200-012 MCDU interface,
optional Remote SIM Module
and Flight Tracking Option

Robust, lightweight, and
configurable to multiple
airframe types for easy
maintenance

Automated event-based
reporting including Weight
on Wheels, and Out/Off/
On/In messages



Multiple mounting
configurations for ease of
hardware maintenance &
replacement

PRODUCT SPECIFICATIONS

IRIDIUM SERVICES

Safety Services Telephony

POWER REQUIREMENTS

12-34 VDC

0.5A nominal @28 VDC 0.8 max A transmit

DIMENSIONS

7.2 cm x 9.7 cm x 29.2 cm (H x W x D)
(2.8" x 3.8" x 11.5")

WEIGHT

0.568 kg (1.25 lbs)

ENVIRONMENTAL QUALIFICATIONS

- Operating Temp. Range: -45° to +70° C
- Humidity: >95%
- Altitude: 55,000 ft.
- RTCA/DO-160E
- RTCA/DO-178B
- RTCA/DO-254

TECHNICAL INTERFACES

I/O support for remote switches and indicators
ARINC 429 Receive bus interface (xx2 models)
ARINC 739 Interface protocol (x12 models)
RS-485 Serial Data Bus Interface (xx2 models)

STCS

- FAA, TCCA, AND EASA STCs available

ANTENNA

TSO'd single or dual Iridium antenna or dual
element GPS/Iridium antenna available

PRODUCT HIGHLIGHTS

- Iridium voice calling to Airline Dispatch and/or Air Traffic Services (ATS) including Safety Services SATVOICE for Long Range Communication Systems (LRCS)
- Multiple voice communication interface options
- Versatile mounting configurations

Specifications subject to change. Contact sales@latitudetech.com for latest revision.