

SDL-350



SDL-350 - The SKYTRAC Satcom System Optimized for Broadband Speeds; Unlock Iridium Certus® Today



UP TO
352
kbps
UPLINK

UP TO
704
kbps
DOWNLINK

Enabling Satcom capabilities in challenging industries and environments has been the cornerstone of SKYTRAC’s business success since the company was founded in 1986.

Our flagship satellite transceiver and on-board server harnesses the world’s only true pole-to-pole satellite network, allowing operators 99.9% global uptime. This reliability allows mission-critical operations in EMS, SAR, offshore oil and gas, scientific exploration, military, and scheduled airline industries to perform when the mission gets tough.

SKYTRAC has over 7,500 users around the globe on all seven continents and ensures long-term support to all customers and partners. Our AS9100D designation ensures leading global brands can trust our systems to perform reliably. In addition, we have cultivated strong partnerships with major OEMs across the globe.



Discover SKYTRAC

Over its 35 year history, SKYTRAC has become the partner of choice for data-guided business insights. As an Iridium Aviation Partner, SKYTRAC is well-positioned to leverage Iridium Certus broadband to provide operators with leading capabilities.



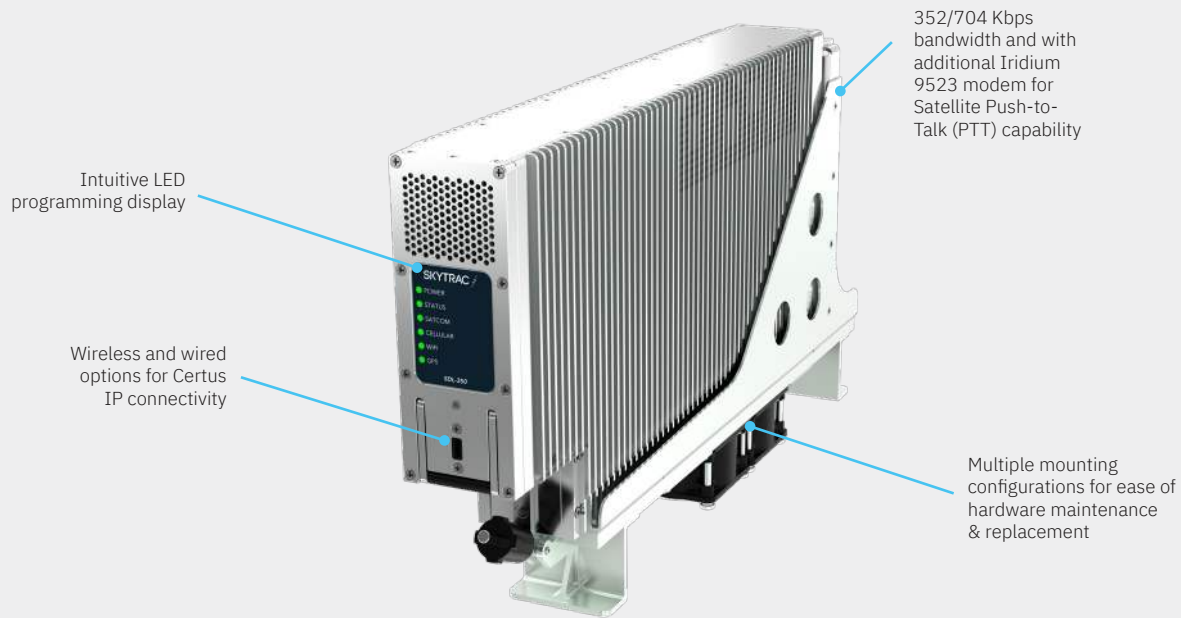
Key Figures

| | |
|--------------------------|-------------------------------|
| SATCOM Expertise | 35+ Years |
| SKYTRAC Customers | 800+ Customers |
| Systems Certified | 900+ Airframes |
| Global Presence | 7 Continents / 100+ Countries |

SKYTRAC is part of the ACR Group of companies.

SDL-350 DATA SHEET

2-MCU IRIDIUM CERTUS SATCOM SYSTEM



PRODUCT SPECIFICATIONS

IRIDIUM SERVICES

Iridium Certus, PTT

POWER CONSUMPTION

28 V power

DIMENSIONS

H x W x D = 7.66" x 2.25" x 12.76"

H x W x D = 7.64" x 2.23" x 15.16" (Mounted)

WEIGHT

8.7 lbs (3.95 kg) LRU

9 lbs (4.08kg) Mounted with tray

ENVIRONMENTAL TESTS

DO-160 Revision G

COCKPIT OPERATIONS

- Real-Time flight tracking
- Iridium Telephony & VoIP
- Iridium Push-to-Talk

OTHER CAPABILITIES

- EO/IR Video Transmission
- Medical equipment connectivity
- Push-to-Talk (PTT) Voice

TECHNICAL INTERFACES

Iridium Certus Class 350/700

Cellular and Wi-Fi Connectivity

GNSS GPS

Ethernet Interfaces x2

Discreet Output x1

Audio Interface x1 (Analog, for PTT)

Maintenance Interface

RS-232

On Roadmap:





ARINC-429

ARINC-717

ARINC-485

SATELLITE, CELLULAR & WI-FI ANTENNAS

These antennas offer a variety of data rates, interfaces, and dimensions, based on your operational profile.

| Antenna Class | Description | Data Rates | Interface | Dimensions | Weight |
|--------------------------------|--|---|-------------------------------|--|-------------------|
| Iridium/GPS Low Gain |  Dual-element Iridium and GNSS Antenna | Iridium Block 1 2.4 Kbps (Bi-Directional) | TNC Female Single Coax | 5.0" x 2.2" x 0.7" (19.9 cm x 7.6 cm x 5.0 cm) | 240 g (8.5 oz.) |
| Certus 350 Active High Gain |  Electronically Steered Phased Array Antenna | Certus 350 352 Kbps Transmit 704 Kbps Receive | TNC Female Single Coax | 9.1" x 4.3" x 2.3" (23.1 cm x 11.0 cm x 5.7 cm) | 2.3 kg (5.1 lbs.) |
| Cellular/Wi-Fi Combo |  Aviation Antenna for Optimized Connectivity | Data rates are network dependent; Supports up to 4G/LTE | Two TNC Female Single Coax | 5.3" x 2.1" x 3.0" (13.6 cm x 5.3 cm x 7.6 cm) | 190 g (6.7 oz) |
| Hotspot Wi-Fi |  Internal Wi-Fi Hotspot for Cockpit and Cabin | Data rates are network dependent; Supports up to Wi-Fi 802.11ax | SMA Male Connector | 2.1" x 2.1" x 0.7" (5.3 cm x 5.3 cm x 1.8 cm) | 74 g (2.6 oz) |

Specifications subject to change. Contact sales@skytrac.ca for latest revision.