

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 equipment and services are used by fleets 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.

### Key Figures

<b>SATCOM Expertise</b>	35+ Years
<b>SKYTRAC Customers</b>	800+ Customers
<b>Systems Certified</b>	900+ Airframes
<b>Global Presence</b>	7 Continents / 100+ Countries

SKYTRAC is part of the ACR Group of companies.



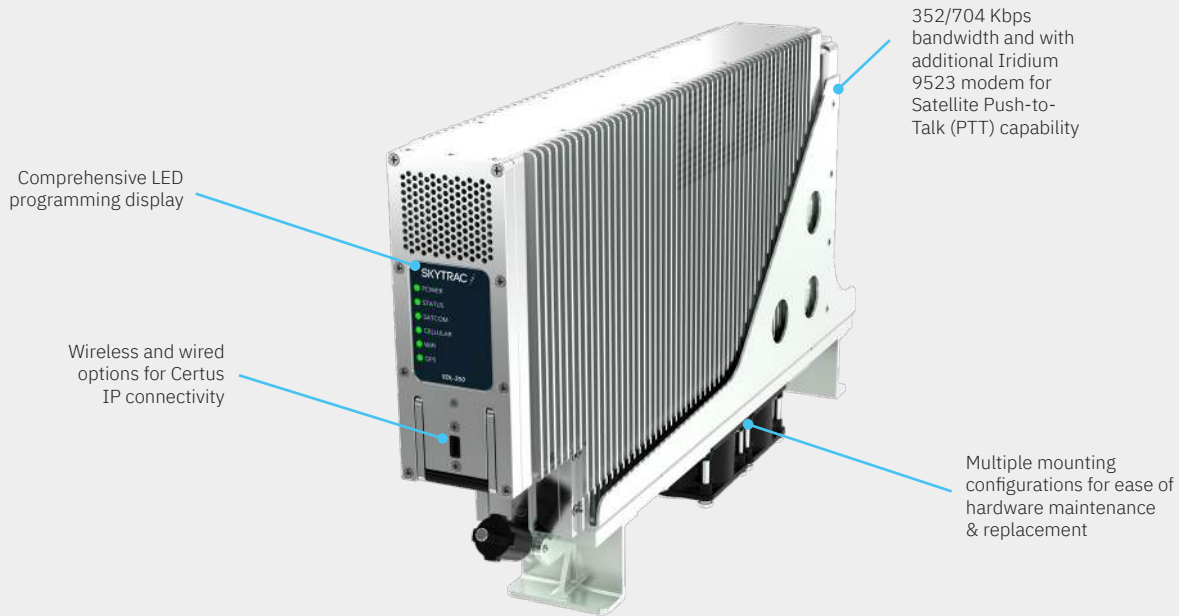
### Discover SKYTRAC

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.



# SDL-350 DATA SHEET

## 2-MCU IRIDIUM CERTUS SATCOM SYSTEM



## PRODUCT SPECIFICATIONS

### IRIDIUM SERVICES

Iridium Certus, PTT

### POWER CONSUMPTION

28 V power

### DIMENSIONS

19.5 cm x 5.7 cm x 32.4 cm (H x W x D)  
(7.7" x 2.3" x 12.8")

Mounted: 19.4 cm x 5.7 cm x 38.5 cm  
(7.6" x 2.2" x 15.2")

### WEIGHT

4.0 kg (8.7 lbs) LRU

4.1 kg (9 lbs) Mounted with tray

### ENVIRONMENTAL TESTS

DO-160 Revision G

### COCKPIT OPERATIONS

- Real-Time Flight Tracking
- Iridium Telephony & VoIP
- Iridium Push-to-Talk
- EFB Data Access

### OTHER CAPABILITIES

- EO/IR Video Transmission
- Medical Equipment Connectivity

### 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)	2x TNC Female Coax	12.7 cm x 5.6 cm x 1.8 cm (5.0" x 2.2" x 0.7")	240 g (8.5 oz.)
Certus 350 Active High Gain	 Beam Forming Antenna	Certus 350 352 Kbps Transmit 704 Kbps Receive	TNC Female Single Coax	23.1 cm x 11.0 cm x 5.7 cm (9.1" x 4.3" x 2.3")	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	2x TNC Female Coax	13.6 cm x 5.3 cm x 7.6 cm (5.3" x 2.1" x 3.0")	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	TNC Connector	5.3 cm x 5.3 cm x 1.8 cm (2.1" x 2.1" x 0.7")	74 g (2.6 oz)

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