

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

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



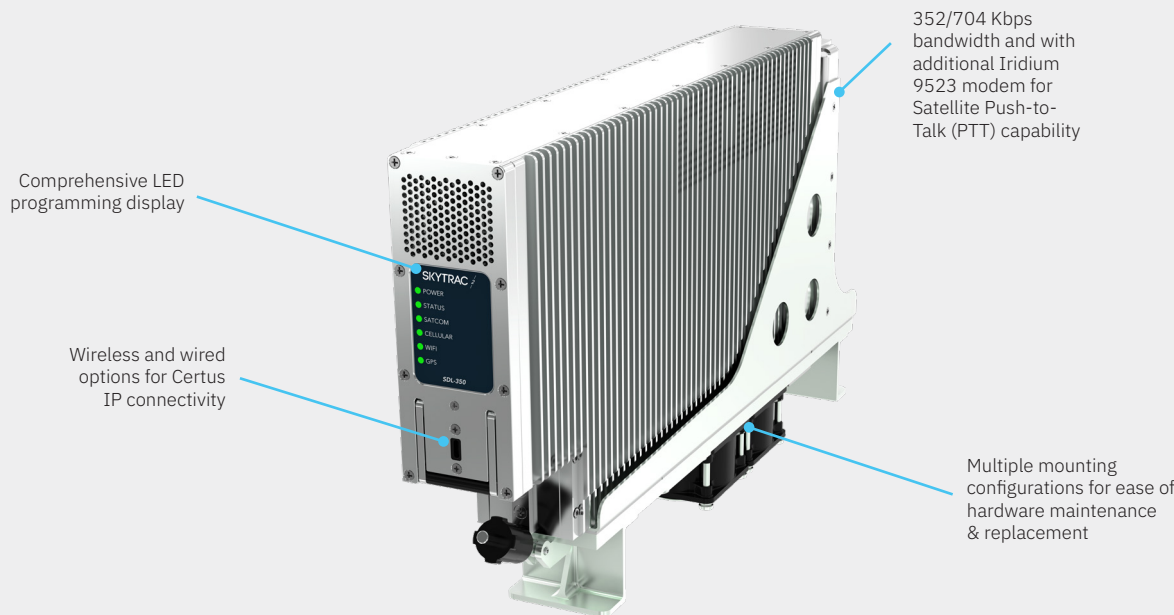
Discover SKYTRAC

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 IIRIDIUM CERTUS SATCOM SYSTEM



PRODUCT SPECIFICATIONS

IRIDIUM SERVICES

Iridium Certus, PTT

POWER CONSUMPTION

28 V power

DIMENSIONS

LRU: 19.8 cm x 6.4 cm x 38.9 cm (H x W x D)
(7.8" x 2.5" x 15.3")

Mounted: 24.9 cm x 6.4 cm x 46.7 cm
(9.8" x 2.5" x 18.4")

WEIGHT

3.6 kg (7.9 lbs) LRU
4.8 kg (10.5 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.