

DAL-200

## DAL-200 In-Flight Communication and Wireless Data Download Module for Fixed-Wing and Rotary-Wing Aircraft



### Enable In-Flight 4G/LTE Cellular Data and Wi-Fi Connectivity with Post-Flight Automated Data Offloading Capability

Extend on-board capabilities with wireless in-flight and post-flight connectivity. SKYTRAC's Dynamic Air Link 200 (DAL-200) provides a wireless data download solution allowing connectivity through multiple network types including 4G/LTE, Bluetooth, Ethernet, Wi-Fi and optional POTS connectivity with the external cellular/Wi-Fi antenna. Wireless post-flight data offloading (e.g. Real-time HUMS, FDM, etc.) reduces maintenance costs and AOG times for both fixed and rotary wing aircraft.

Link up to 8 Wi-Fi or Bluetooth-enabled devices to ground-based cellular networks simultaneously for cockpit, cabin crew, and passengers with the internal hotspot antenna.

#### Key Figures

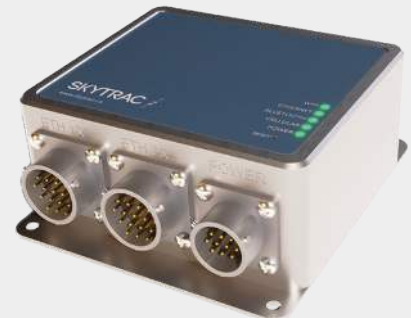
<b>SATCOM Expertise</b>	35+ Years
<b>SKYTRAC Customers</b>	800+ Customers
<b>Systems Certified</b>	900+ Airframes
<b>Global Clientele</b>	7 Continents / 100+ Countries

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 the Iridium network to provide operators with leading capabilities.



# DAL-200 DATA SHEET

## WI-FI, CELLULAR, BLUETOOTH, AND ETHERNET ACCESS LINK



## PRODUCT SPECIFICATIONS

### CONNECTIVITY OPTIONS

2.4 GHz Wireless, WPA2-AES Encryption  
2G, 3G, & 4G LTE (Regional Limitations Apply)  
Bluetooth Classic, Bluetooth 4.2 BLE  
1Gbit Ethernet

### INPUTS

4 x 1Gbit Ethernet Ports To ISAT-200A  
RS-422 Serial Port

### POWER INPUTS

9-34 V Aircraft Power  
9-34V Back-up Power

### MEMORY

32GB User Accessible Storage

### OPERATING TEMPERATURE

-4°F to 131°F (-20°C to +55°C)

### SHORT TERM OPERATING TEMPERATURE

-40°F to 158°F (-40°C to +70°C)

### DIMENSIONS

H x W x D = 4.10" x 4.48" x 1.84"

### WEIGHT

1.10 lbs (0.498 kg) Max.

### COOLING

Normal Air Circulation

### ENVIRONMENTAL TESTS

DO-160 Revision G

## ANTENNA SPECIFICATIONS



### Internal Wi-Fi Hotspot Antenna

Description	Details
Antenna	2.4 GHz Wireless
Power Handling	200W
Frequency	2400-2500 MHz
Pattern	Hemispherical
Polarization	RHCP
Lightening Protection	DC Grounding
Dimensions	2.1" x 2.1" x 0.7" (mounted)
Weight	2.6 oz (74 g)



### External Cellular/Wi-Fi Antenna

Description	Details
Antenna	2.4 GHz Wireless, 2G, 3G, 4G LTE
Power Handling	100W CW
Frequency	698-960 MH, 1710-2170 MHz, 2300-2700 MHz
Pattern	Omnidirectional
Polarization	Vertical
Lightening Protection	DC Grounding
Dimensions	5.3" x 2.1" x 3.0" (mounted)
Weight	6.7 oz (190 g)

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