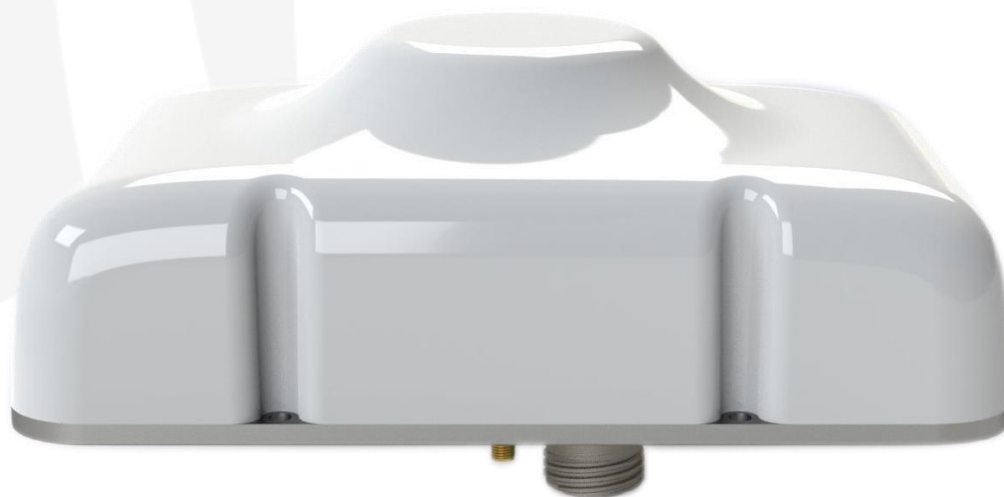




G6

iridium® **CERTUS®100**



An all-in-one satellite Terminal

The G6 provides an IP data platform for any aviation asset and guarantees connectivity anywhere in the world.

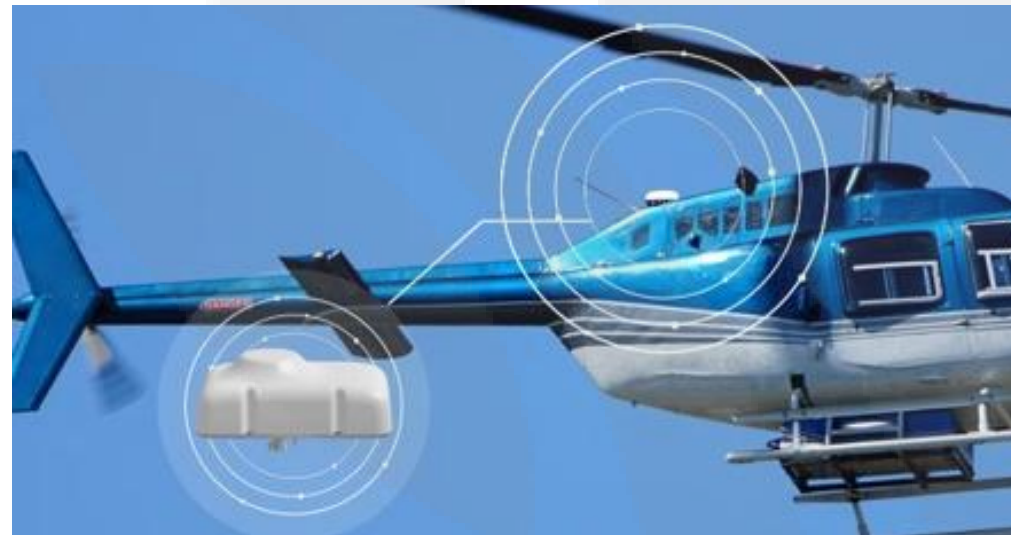
DESCRIPTION

The G6 terminal utilizes bi-directional mid-band 88kbps for use with the Iridium NEXT Satellite network. It uses IP data protocol and has multiple interfaces to ensure simple application integration. The design have made it the ideal solution for military/law enforcement/EMS applications that rely on critical data communication.

KEY FEATURES

- ✓ **88/88 kbps Satellite Terminal**
- ✓ **All-in-one**
- ✓ **Truly Global coverage**
- ✓ **DO-160G Certified**
- ✓ **Encryption**
- ✓ **Integrated Iridium and GPS antenna**
- ✓ **Multiple interfaces**
- ✓ **Uninterrupted power**
- ✓ **Background IP**
- ✓ **Streaming video and imagery**
- ✓ **Voice, VOIP & PTT**
- ✓ **Flight Data Monitoring, telemetry and exceedances**
- ✓ **Automated Flight Following (AFF)**
- ✓ **Enhanced aerial firefighting**

Fleet Situational Awareness Command & Control



SPECIFICATIONS



MODEM

CERTUS® 100 Jacobs CST
88/88kbps



SIZE

W 14.7 cm (5.75") x L 22.6 cm
(8.85") x H 8.1 cm (3.2")



WEIGHT

<2 kg (4.4 lbs)
excludes any optional
mounting bracket.



POWER

12V - 32VDC wide range 3A



ENVIRONMENTAL

Operating Temperature:
-40 Deg C to +71 Deg C

Storage Temperature:
-40 Deg C to +85 Deg C



SENSORS

Altimeter, 3 Axis
Accelerometer, 3 Axis Gyro,
3 Axis Magnetometer,
Temperature



SAND AND DUST PROOF AT

+55 Deg C and ambient



CONNECTORS

D38999
13 Pin or 37 Pin Amphenol mil-spec
circular connector



INTERFACE

WiFi, RS232, 1x Ethernet, 2X
ARINC 429 RX, 9 digital
inputs, 2x digital outputs,
5x analog inputs, analog
audio I/O, ARINC429
(requires 37 pin connector)



ALTITUDE

Up to 35,000 Feet



HUMIDITY

Up to 95% at +55 Deg C



SALT FOG

48-hour continuous exposure



ANTENNAS

Built in Iridium CERTUS
and GPS



INGRESS PROTECTION CODE

IP 66



FLUID SUSCEPTIBILITY

Continuous spray of de-icing fluid



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