





Certus external antenna satellite device

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

DESCRIPTION

The G6-S 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. The G6-S allows use of external GPS, Iridium Certus and Wi-Fi antennas in applications requiring antennas remote or dispersed from the G6-S IP data platform.

KEY FEATURES

- 88/88 kbps Satellite Terminal
- Simple installation
- Truly Global coverage
- DO-160G Certified
- Encryption
- External Iridium, GPS, Wi-Fi antennas
- 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









Aircraft Business Intelligence

Guardian Mobility Inc. 43 Auriga Drive, Ottawa, Ontario, K2E 7Y8

SPECIFICATIONS

MODEM

CERTUS® 100 Jacobs CST 88/88kbps

SIZE



W 14.6 cm (5.75") x L 28 cm (11.0") x H4.7 cm (1.84")



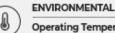
WEIGHT

<1.8 kg (4.0 lbs) excludes any optional mounting bracket.



DOWED

12V - 32VDC wide range 3A



Operating Temperature -40 Deg C to +70 Deg C

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



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



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CONNECTORS

13 Pin Amphenol aerospace circular connector and 26 Pin I/O connector. RF: TNC iridium, SMA GPS and SMA-RP Wi-Fi.



INTERFACE

Wi-Fi, RS232, 2X ARINC 429 RX channels, 1X Ethernet, 11 digital inputs, 2 digital outputs, 5 analog inputs, analog audio I/O. Front panel or remote LEDS-Iridium, GPS, Wi-Fi signal status.



Up to 55,000 Feet

HUMIDITY

Up to 95% at +55 Deg C

SAND AND DUST PROOF AT

+55 Deg C and ambient

ANTENNAS

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External Iridium CERTUS, GPS and Wi-Fi

INGRESS PROTECTION CODE IP 54

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