

ST100

Satellite Modem



ST100 contains everything needed to instantly add SATCOM capability to any OEM product. It is designed for rapid development by 3rd parties to bring low cost reliable one-way data to the IoT market. Using Globalstar’s LEO satellite constellation with worldwide coverage means no additional ground infrastructure is required to receive the data at the destination. Resulting in reduced cost, time and effort in deployments around the globe. With global deployments there is no need to worry about multiple country service contracts or roaming fees. One solution that works worldwide!

Key Features

- Globalstar modem
- GPS receiver
- Embedded Satellite TX and GPS RX combined antenna
- Bluetooth® low energy with embedded antenna
- Complete firmware package
- Nordic core processor for 3rd party firmware
- Three-axis Accelerometer
- Battery charging and power control
- Power Supply configuration options for: batteries, solar panels, line power
- Switchable between the embedded and an external antenna
- Serial connection
- Regulatory approvals: FCC Limited Modular Approval, ISED (Canada) Certification, CE RED Type Examination Certificate

Specifications

Dimensions

- 1.0" (2.54 cm) (H) x 2.0" (5.08 cm) (W)

Weight

- .21 oz (6 grams)

Temperature Range

- 22°F to 185°F (-30°C to +85°C)

NOTE: Information within this document is subject to change, not including battery details.

For more information on how Globalstar’s advanced product technologies can become an integral part of your wireless solution, please visit us online at www.globalstar.com.