ST 9100

The ST 9100 is a flexible, robust, and programmable dual mode satellite-cellular terminal. It is ideal for remotely monitoring and controlling fixed and portable assets in industries as diverse as transportation, oil and gas, utilities, maritime, and more. The versatile, environmentally sealed ST 9100 is ideal for rugged environments in the world's most remote areas.

Key Features

- Easy integration and flexible programming
- Multiple I/Os
- 3-axis accelerometer
- Bluetooth connectivity
- Multiple SIMs are supported
- Use cellular or automatically switch between cellular and satellite connectivity
- Backup battery that enables reporting for more than 48 hours with 1-minute cellular reporting or 60-minute satellite reporting when power is interrupted

Technical Specifications

Physical

Dimensions: 148 x 113 x 47 mm
181 x 113 x 47 mm with mounting feet

Certifications

CE, FCC/IC, FFA,
PTCRB, Inmarsat type approval,
ACMA, ICASA, Anatel, IFT,
IEC 60945, ENACOM.

Electrical Specifications

Input voltage: 9 to 32V; load dump protection: +150V; SAE J1455 (Sec. 4.13)

Environmental

Temperature:	-40°C to +85°C
Humidity:	20% to 90% (non-condensing)
Vibration:	SAE J1455 (Sec 4.9.4.2 fig 6-8); MIL-STD-810G
Shock:	MIL-STD-810G (Sec 516.6)
Dust and Water Ingress:	IP67

Input/Output

- 4 configurable inputs/outputs:
  Analog/digital /input/output
- 2 dedicated outputs (sink-ground)
- 4 Digital/analog inputs (2x 4-20mA)
- Serial: 2 RS-232; 1 RS-485/J1708;
  2 CAN bus; 1-Wire

RasTrac®