PLANET 8888 Terminal
Technical Specifications

Functional Description

The PLANET 8888 Terminal is an equipment that enables mobile communication in the air, using Iridium Certus satellite service.

It offers local interfaces (Power, Ethernet x2, Serial x3, WiFi optional), Iridium connectivity, mSata storage capacity and includes a GNSS receiver for timing and location.

With a low-profile passive antenna, Iridium Certus CST-88 modem provides native midband IP connectivity (88 Kbps bi-directional data transfer).

In addition to IP routing capabilities, embedded PLANET application, available through an additional user tablet or PC terminal, provides added value functions such as tracking, messaging and weather data exchange. Additional application software can also enable video processing.

Interfaces

- DC Power Supply
- 2x Ethernet (10/100/1000)
- 3x Serial
- GNSS: TNC Female
- IRIDIUM: TNC Female

Features

- Fanless Processor (SMARC Module)
- Linux OS
- mSata Storage
- Certus CST-88
- GNSS
- Operating Temperature: -15 to +55°C
- Aero certified 3.5in passive antenna

Mechanical & Power Characteristics

- Flanged heat-sink aluminum enclosure
- Size: 186.5(W) x 125(D) x 81.5(H) mm
- Weight: 1.9 kg
- Power: 15-50V, 16W avg, 45W max

Order Information

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