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LAND

EXPLORER 540 M2M

World's First Dual-Mode BGAN M2M and Cellular Terminal

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AUTOMATIC FAILOVER BETWEEN BGAN AND CELLULAR NETWORK

IDEAL FOR UNMANNED AND REMOTE OPERATIONS

REMOTE TERMINAL MANAGEMENT VIA SMS

LIGHTWEIGHT AND DURABLE FOR OUTSIDE MOUNTING

BGAN M2M CERTIFIED AND BGAN CLASS 2 TYPE APPROVED

Designed for operation in remote and unmanned locations, Explorer 540 provides critical connectivity over both BGAN and cellular 2G/3G/LTE networks. Lightweight, robust, and easy to set-up, it ensures the most cost-effective communication service with failover capabilities.

Explorer 540 provides remote management of the terminal via SMS and delivers a reliable global two-way IP data service for data backhaul, asset tracking, surveillance, and telemetry.

Explorer 540 is powered by the high-end L-band Inmarsat network. Having a long-standing relationship with Inmarsat, IEC Telecom will ensure the best quality of service and provide a range of value-added services to support the requirements of your remote unit.

CHARACTERISTICS

Terminal Specifications

- Weight: 1.6 kg
- Dimensions: 202 x 202 x 51.8 mm
- Data Capabilities
  - Standard IP: Up to 464 kbps
  - Streaming IP: 32, 64, 128 kbps
- Voice Capabilities
  - Standard: 4 kbps
  - Premium: 3.1 kHz audio, 64 kbps
- EIRP: 15.1 dBW
- Power
  - 10.5 – 32 V DC
  - PoE IEEE 802.3 Type 2 Class 4
  - Consumption: 1.9 W (Standby); 19 W (Transmit)
- Temperature
  - Operational (ambient): -40°C to +55°C
  - Storage: -55°C to +80°C
- Relative Humidity: 95% non-condensing at +40°C
- Robustness: 0.5 m drop on concrete (operational, 95% survival)
- IP Rating: IP66
- Micro USB Interface
- BGAN SIM Card Slot
- RJ45 Ethernet Interface with PoE
- 8-pin Ethernet Interface
- 3-pin I/O
- 2-pin DC Power Input

INCLUDED IN THE BOX

- 540 Terminal
- Pole Mount
- 2 x Cable Glands
- 1 x Blanking Plug
- Security Torx
- Allen Key
- Multi-language Webserver
- Quick Start Guide

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