iTRAKopus™ 1200 is a compact, economical GPS tracking device, operating on GSM data networks. It is designed for excellent performance and easy installation. The iTRAKopus™ 1200 is best suited for:

- Heavy equipment
- Vehicle recovery
- Filling the need for a tamper-proof alarm
- Tracking of trailers and other assets that are sometimes disconnected from power

Assembled in the United States, the iTRAKopus™ 1200 is a completely self-contained device with an internal antenna. It contains a battery that is charged when the device is connected to power, and that can power the device from 6 to 18 months before needing to be recharged. It measures 2.125” x 4” x 1.5”, and weighs only 1 pound. There are four inputs and four outputs available. The device can send a notification when it is using the battery, and when it is connected again to vehicle power.

As with all iTRAK® tracking products, the iTRAKopus™ 1200 offers:

- Event-based tracking, which gives the user information that is easier to use and understand, and saves money on data transmission.
- Access to the iTRAK Fleet Executive™, a cloud-based mapping and reporting program.
- Patented position confirmation process, which eliminates data loss when out of wireless coverage.
- Customization of tracked events to best fit your fleet and business.
General Specifications
Communication Modes          GPRS packet data & SMS
Location Technology          50 Channel GPS

Location Specifications
Location Technology          50 channel GPS (with SBAS, DGPS)
Location Accuracy            2.0 meter CEP (with SBAS)
Tracking Sensitivity         -160 dBm
AGPS Capable

Communication Specifications
Data Support                 SMS, GRPS (UDP)
Cellular/PCS                 FCC-parts 22, 24; PTCRB
GPRS                        Up to class 10
Quad Band                   850/900/1800/1900 MHz
Output Power                850 (class 4) 2W
                           900 (class 4) 2W
                           1800 (class 1) 1W
                           1900 (class 1) 1W

Battery Pack Specifications
Capacity                     3.8 Amp Hour
Operating Voltage            3.6 Volts
Technology                   Lithium Ion

Comprehensive I/O
Inputs                       4
Outputs                      4
Status LEDs                  GPS & cellular

Certifications
Fully certified FCC, CE, IC, PTCRB, CARRIERS

Electrical Specifications
Operating Voltage            9-30 VDC
Power Consumption
Deep Sleep                   <1mA@12v
Sleep on Network             <10mA@12v
Active Standby               <70mA@12v

Physical Specifications
Dimensions                   2.125” x 4” x 1.5”
Weight                       1 lb.

Environmental Specifications
Operating Temperature        -30° to 70° C
Storage Temperature          -40° to 85° C
Humidity                     95%RH @ 50° C non-condensing
Shock & Vibration            Military Standards 202G, 810F, SAE J1455
EMC/EMI                      SAE J1113; Fcc-Part 15B; Industry Canada

Connectors
SIM Access                   Internal

Mounting
Tie wraps, adhesive or velcro
Screw mounting brackets