iTRAKopus™ 4200 is a compact, economical GPS tracking device, operating on CDMA or GSM data networks. It is designed for excellent performance and easy installation. The iTRAKopus™ 4200 is best suited for:

- Tracking for fleets of service, transport, or government vehicles
- Where a CDMA wireless network provides better coverage than GSM
- When the device will be mounted without a clear view of the sky
- Several inputs and/or outputs are required
- If the mobile asset will travel into and out of areas with weak or no wireless coverage.

Assembled in the United States, the iTRAKopus™ 4200 has a single external antenna for both wireless data and GPS. It measures 4.8” x 3.3” x 0.85”, and weighs only 11 ounces. There is one input for the ignition. With an optional I/O wiring harness, there are seven additional inputs, and eight outputs. There is also an option to make the unit J1708/J1939 capable to capture engine diagnostics.

As with all iTRAK® tracking products, the iTRAKopus™ 4200 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 lost data when out of wireless coverage.
- Customization of tracked events to best fit your fleet and business.
### Location Specifications
- **Location Technology:** 50 channel GPS (with SBAS, DGPS)
- **Location Accuracy:** 2.0 meter CEP (with SBAS off)
- **Tracking Sensitivity:** -160 dBm
- **Acquisition Sensitivity:** -144 dBm
- **Kick Start:** 3 sec @ -130 dBm

### Communication Specifications
- **Data Support:** SMS, GRPS (UDP), CDMA 1X packet data
- **Cellular/PCS:** FCC-parts 22, 24; PTCRB
- **GPRS:** Up to class 12
- **GPRS Quad Band:** 850/900/1800/1900 MHz
- **GPRS Output Power:**
  - 850 (class 4) 2W
  - 900 (class 4) 2W
  - 1800 (class 1) 1W
  - 1900 (class 1) 1W
- **CDMA Dual Bank:** 800/1900 MHz
- **CDMA 1x Output Power:**
  - 850 250 mW
  - 1900 250 mW

### Comprehensive I/O
- **Inputs:** 8 including ignition
- **Outputs:** 8 (150mA)
- **Status LEDs:** GPS & cellular

### Optional Features (with add-in daughter boards)
- **WiFi:** 802.11b/g/i
- **jPOD Truck ECU Interface:** J1708, J1939

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

### Electrical Specifications
- **Operating Voltage:** 9-30 VDC
- **Power Consumption:**
  - Deep Sleep: <4mA@12v
  - Sleep on Network: <20mA@12v
  - Active Standby: <70mA@12v

### Physical Specifications
- **Dimensions:** 4.8” x 3.3” x .85”
- **Weight:** 11 ounces

### 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

### Connectors
- **SIM Access:** Internal
- **External Cellular:** SMC
- **External GPS:** SMA (with tamper mounting, 3.3v)
- **WiFi option:** RP-SMA
- **Vehicle Bus option:** DB-15
- **4-Pin Molex:** power, ignition, I/O
- **2 5-Pin Molex:** Switched power serial
- **16-Pin Molex:** Expansion port
- **22-Pin Molex:** I/O connection

### Mounting
- Tie wraps, adhesive or velcro
- Screw mounting brackets