

Internal Mount



All External Mount

**GlobalTrak Versa** is a flexible cargo tracking, security, and condition monitoring device that enables location tracking and monitoring of assets through GSM/3G cell, satellite (GlobalStar or Iridium), ZigBee, assisted GPS, and optional integrated active or passive RFID reader. Dual SIM cards utilize local communication networks to reduce operating costs. The internal mount **Versa** is fully compliant with the USC Gen 2 Satellite Enabled Tracking Intrusion Detection (SEITD) Tag requirements. Versa uses the GlobalTrak Information Management Bureau in conjunction with all communication methods to provide a robust and versatile asset monitoring solution, and well as interfacing to the DISA-GEX, IRRIS, and related government ITV servers. The thin, low-profile enclosure facilitates mounting beneath and between container or trailer locking bars for the all external mount, and the internal mount version fits neatly inside the container with a small exposed external antenna. The advanced sensor suite detects intrusion and tampering with a very high reliability including door position, mount status, temperature, light, container properties, motion, location, speed, direction, acceleration. **Versa** is a complete, modular solution to meet a variety of needs for both military and commercial applications.

## FEATURES

*Thin, Low-Profile Enclosure*

*Internal or External Mount*

*Flexible Dual Mode Cellular and LEO Satellite Communications*

*Integrated RFID Reader Option*

*Quick & Simple Installation*

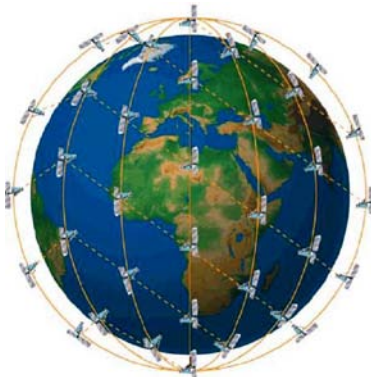
*Interfaces to DoD ITV Servers*

## SPECIFICATIONS:

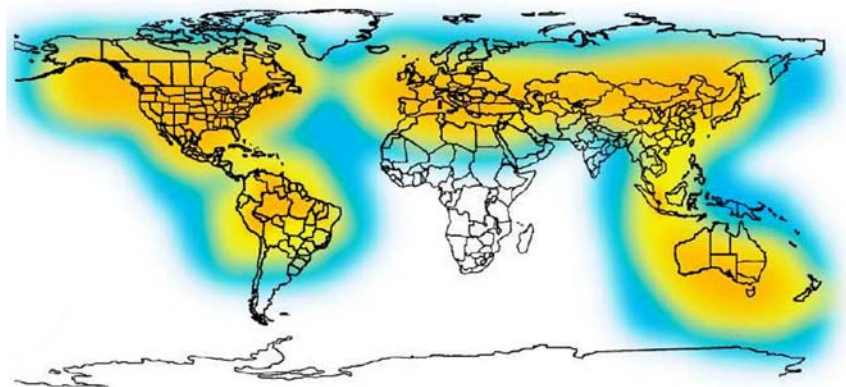
<b>Enclosure:</b>	297mm x 133mm x 38mm (11.0" x 5.25" x 1.5" )
<b>Mass:</b>	907 g (≤ 32.0 oz with batteries, without bracket)
<b>Temperature:</b>	-40°C (-104°F) to +85°C (+185°F) Operating
<b>Vibration/Shock:</b>	3-axis shock ±18, ±6, ±3 g/axis, constant monitoring. IEC 68-2-6 Fc (Vibration), IEC 68-2-27 Ea (shock). MIL STD 810, SAE J1455
<b>Battery:</b>	Internal (primary), Ultrasonically Welded Li/FeS <sub>2</sub> nominal voltage 3.6V
<b>Life Expectancy:</b>	2 years at 1 day reporting 90 Days at 15/30 minute reporting 15 Days at 5-minute reporting
<b>Door Intrusion:</b>	Advanced Sensor based on light, color, material
<b>Motion Detection:</b>	Integral Motion sensor (Start/Stop). Independent of accelerometer.
<b>Mounting:</b>	Exterior Mount, Interior Mount (with bracket).
<b>Certifications:</b>	FCC part 15 and part 25, ETSI EN 300 328, ETSI EN 301 489-1, IP-67, HERO, HERF, HERP (2011)



**SPECIFICATIONS:**



Iridium All Coverage Global  
Real-Time Constellation



GlobalStar Coverage  
Real-Time Constellation

<b>Satellite Communications:</b>	Globalstar LEO Constellation Iridium Constellation
<b>Cellular Communications:</b>	Quad-Band GSM for worldwide coverage Dual SIM to reduce operating costs 2-way communications – upload & download GPRS & SMS with automatic least-cost routing
<b>GPS Receiver:</b>	Cold Start: <45 seconds TTFF (95%) Hot Start: <10 seconds TTFF (95%) <2.5-meter accuracy
<b>ZigBee Wireless LAN:</b>	Communicates with all GT Wireless Sensors Mesh networking available 868/915 MHz & 2.4 GHz ZigBee Wireless Tx power, max: 1000 mW (USA), 100 mW (Europe), 10 mW (Japan) Tx power, min: 1 mW
<b>Interfaces / Expandability:</b>	18-pin Conxall connector Up to 6 external RF connectors 3 digital Inputs 2 analog inputs External charging power: 7 – 75 V Optional reefer power output interface: 24-VAC

specifications subject to change without notice