

# TETIS R

Tracking and monitoring system for dry and reefer containers, ideal for cargo management.



Tetis R is the ideal solution to ensure safe delivery and maintain the condition of your cargo, from the moment the container is sealed and until it's opened when reaching its destination.

Tetis R provides you with detailed information in real time when cellular connectivity is available and provides detailed after the fact reports, including full log of the container's journey.

## Tetis R – monitoring every aspect of your cargo:

- Monitors location, impact, container loss and theft
- Easy installation on container's door hinge
- Cellular engine (3G) and GPS/GLONASS pinpoint exact location
- Accelerometer and light detectors provide an immediate alert with any irregular event: accident, damage, attempted break-in and unauthorized container door opening
- Temperature and humidity sensors detect any deviation from temperature and humidity ranges – in real time to assure cargo's quality



Offering complete management solution with Starcom Online web-based application and Olympia Tracking mobile application.

## Tetis R - Product description:

Tetis Unit: Cellular + GPS (built-in antennas)

Built-in Sensors: Light, temperature, humidity Accelerometer

Buttons: door, operation

## Tetis R - Main Specifications:

Supply	Voltage	3.7V
Temperature	Operational Storage	-20°C to +60°C -40°C to +85°C
Operating Humidity		Up to 90%
Measurement		40 x 25 x 4 cm (15.7 x 9.8 x 1.6 inch)
Cellular Communication	HSDPA/HSUPA Optional Modems Antenna type Data channels Protocol	800, 850, 900, 1800, 1900, 2100 LTE Built-in (concealed) SMS & TCP/IP Propriety – encrypted
Location	Type Time to First Fix (TTFF) Positioning Accuracy  Antenna type	GPS, GLONASS (optional) 2 sec (hot start) 10m CEP (50%) Velocity: 0.2m/s (50%) Built in (concealed)
CPU Capacity	Static RAM Nonvolatile memory Flash Memory	128 Kb 34 Kb 2048 Kb
<b>Sensors:</b> Temperature	Range Accuracy	-45°C to +125°C ± 0.2°C
Relative Humidity	Scale Accuracy	0% to 100% ± 1.8 %
Accelerometer	Scale Accuracy	± 8g ± 2.5%
Light	Resolution Sensitivity	0.025 LUX 0 - 104,448 LUX (Sunlight)
Inputs	Push-button Door Switch	1 1
Battery Pack	Type Capacity	Li-Ion 4500 mAh (Tetis unit)
Power Consumption	Sleep/Idle GPS only GPRS only GPS and GPRS	0.05mAh 75 mAh 100mAh 165 mAh
Access Port	Type	TTL