

# TETIS R HYBRID

Complete container management solution, everywhere around the globe.



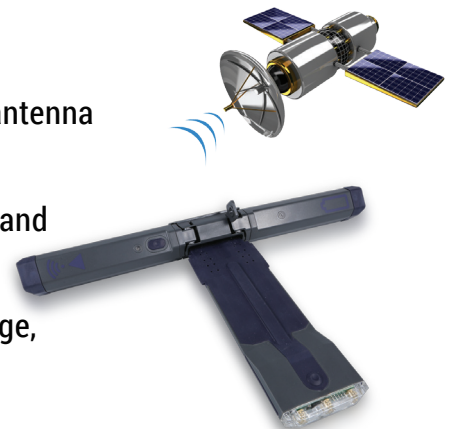
Tetis R Hybrid is the ideal solution to ensure safe delivery and maintain the condition of your cargo, from the moment the container is sealed and until it's opened when reaching its destination.

Thanks to a combined cellular and iridium satellite connectivity – your cargo is monitored anywhere around the globe in real-time.

Tetis R Hybrid provides you with real-time alert in any irregular event, ensuring your cargo's safety and quality.

## Tetis R Hybrid – monitoring every aspect of your cargo in real time:

- Monitors location, impact, container loss and theft
- Easy installation on container's door hinge
- Cellular engine (3G), GPS/GLONASS, and built – in iridium satellite antenna pinpoint exact location and monitor any deviation from route
- Temperature and light detectors detect deviation from temperature and humidity ranges – in real time
- Provide an immediate alert with any irregular event: accident, damage, attempted break-in and unauthorized container door opening



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

## Tetis R Hybrid - Product description:

Tetis Unit: Cellular + GPS (built-in antennas), 4500 mAh battery

Iridium unit: Satellite communication (built-in antenna), 2600 mAh battery

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), 2600 mAh (Satellite unit)
Power Consumption	Sleep/Idle GPS only GPRS only GPS and GPRS	0.05mAh 75 mAh 100mAh 165 mAh
Access Port	Type	TTL