



The ideal container tracking and monitoring solution for your cargo.

# Tetis

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

**Tetis** 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** Provides an immediate alert with any irregular event: accident, damage, attempted break-in and unauthorized container door opening.

**Tetis** - tracking your cargo and monitoring its safety:

Featuring easy installation on container's door hinge  
Cellular engine (3G) and GPS/GLONASS monitor the container's location and any deviation from route  
Accelerometer, temperature and light detectors provide an alert with any event of cargo's loss, theft or damage  
Monitors the container's location and any deviation from route  
Provides both real time alerts and after the fact reports to assist in determining proper handling of the container  
Provides an alert and after the fact reports in any event of cargo's loss or theft.



# Tetis

## Product description:

### Main Specifications:

Supply	Voltage	3.7V
Temperature	Operational	-20°C to +60°C
	Storage	-40°C to +85°C
Operating Humidity	Up to 90%	
Measurement	20 x 10 x 4 cm (7.8 x 3.9 x 1.6 inch)	
Cellular Communication	HSDPA/HSUPA	800, 850, 900, 1800, 1900, 2100
	Optional Modems	LTE
	Antenna type	Built-in (concealed)
	Data channels	SMS & TCP/IP
	Protocol	Propriety – encrypted
Location	Type	GPS, GLONASS (optional)
	Time to First Fix (TTFF)	2 sec (hot start)
	Positioning Accuracy	10m CEP (50%)
	Antenna type	Velocity: 0.2m/s (50%)
		Built in (concealed)
CPU Capacity	Static RAM	128 Kb
	Nonvolatile memory	34 Kb
	Flash Memory	2048 Kb
Sensors: Temperature	Range	-45°C to +125°C
	Accuracy	± 1°C
Relative Humidity	Scale	0% to 100%
	Accuracy	± 1.8 %
Accelerometer	Scale	± 8g
	Accuracy	± 2.5%
Light	Resolution	0.025 LUX
	Sensitivity	0 - 104,448 LUX (Sunlight)
Inputs	Push-button	1
	Door Switch	1
Battery Pack	Type	Li-Ion
	Capacity	4500 mAh
Power Consumption	Sleep/Idle	0.05mAh
	GPS only	75 mAh
	GPRS only	100mAh
	GPS and GPRS	165 mAh
Access Port	Type	TTL