

KYLOS Forever



Kylos Forever is a long lasting asset protecting solution. The Kylos Forever will track and monitor your assets or equipment for months at a time, with its battery that lasts up to 3 years.

The system triggers an alert with any irregular event. This includes any change of location, temperature, impacts, or light exposure. You'll receive a real time alert and after the fact report.

Kylos Forever is a standalone unit, capable of operating without the need for any connection or external wiring- this makes it easily hidden if required.

Measured Values (optional):

- GPS Location
- Temperature
- Light
- Impact

Power Specification

		Kylos Forever Rechargeable	Kylos Forever Non Rechargeable
Battery	Type Power	Lithium-ion 3.7V, 4500 mAh	Lithium Chloride 7.2V, 5000 mAh
Access Port	Type	TTL (USB cable is available)	
Power Consumption	Sleep/Idle GPS only GPRS only GPS and GPRS	0.05 mAh 75 mAh 100 mAh 165 mAh	
Battery Life	Transmissions & Work time	1 report every 10 minutes: 60 Hours 1 Report every 6 hours: 90 days 1 Report every 24 hours: 300 days	

General Specification

		Kylos Forever
Temperature	Operational Storage	-20°C to +60°C -40°C to +85°C
Operating Humidity		Up to 100%
Measurement		165 x 35 x 40 mm, 200 grams
Cellular Communication	GSM/GPRS-default Optional Modems Antenna type Data channels Protocol	Quad Band (850, 900, 1800, 1900) UMTS/HSPA+, CDMA/1xRTT/EV-DO Built-in (concealed) SMS & TCP/IP Propriety – encrypted
Network	Data	GSM, GPRS and SMS
Messages	SMS GPRS	Encrypted Protocol TCP/IP over PPP
GPS	Systems Receiver and Antenna Protocol Positioning accuracy Navigation Update Rate Navigation method Time to First Fix (TTFF)	GPS, GLONASS Internal NMEA (Binary format): 10m CEP (50%) Velocity: 0.2m/s (50%) 1 second (Default) All-In-View solution 2-Satellite solution, A-GPS Hot Start: 2 sec Warm Start: 10 sec Cold Start: 50 sec
CPU Capacity	Antenna Static RAM Nonvolatile Memory Flash Memory	Built in 128 Kb 34 Kb 2048 Kb
Sensors	Light Temperature Accelerometer Barometer	0.025 LUX / 0 - 104,448 LUX (Sunlight) ±1.0°C / -20°C to +60°C 3 Axis, 0.1g resolution ±1 hPa / 300 – 1100 hPa
Access Port	Type	TTL (USB cable is available)

