

KYLOS

**Track
Protect
Manage**

Management Solution

For valuable shipments, portable assets and air cargo

www.itrackindia.com

GROUND/ AIR CARGO
Management



PREVENT
Counterfeit & Theft



MONITOR
Access & Impact



TEMPERATURE,
Exposure &
Impact Sensors



REAL-TIME
Location & Geo-
Fencing



MONITOR
Asset Storage
Environment



REVIEW
Asset Handling



ANALYTICAL
MIS Reports &
Personalised Alerts



You Value  We Secure

Air Cargo Services
Goods Carriers
Garment & Fashion
Consumer Durables

FMCG
Electronics
High Value Goods
Medicines

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Technical Specifications:



Battery

Lithium-ion:

3.7V, 5000 mAh

Temperature

Operational:

-20°C to +60°C

Storage:

-40°C to +85°C

Operating Humidity:

Up to 100%

Measurement:

165 x 35 x 40 mm, 200 grams

Cellular Communication

GSM/GPRS - default:

Quad Band (850, 900, 1800, 1900)

Optional Modems:

UMTS/HSPA+, CDMA/1xRTT/EV-DO

Antenna type:

Built-in (concealed)

Data channels:

SMS & TCP/IP

Protocol:

Propriety – encrypted

Network

Data:

GSM, GPRS and SMS

Messages

SMS:

Encrypted Protocol

GPRS:

TCP/IP over PPP

Positioning

Systems: GPS, GLONASS

Receiver and Antenna: Internal

Protocol:

NMEA (Binary format):

Positioning accuracy:

10m CEP (50%)

Velocity: 0.2m/s (50%)

Navigation Update Rate:

1 second (Default)

Navigation method:

All-In-View solution

Time to First Fix (TTFF):

2-Satellite solution, A-GPS

Hot Start: 2 sec

Warm Start: 10 sec

Cold Start: 50 sec

Antenna: Built in

CPU Capacity

Static RAM: 128 Kb

Nonvolatile Memory: 34 Kb

Flash Memory: 2048 Kb

Sensors

Light:

Resolution/Range:

0.025 LUX / 0 - 104,448 LUX (Sunlight)

Temperature:

Resolution / Range:

±1.0°C / -20°C to +60°C

Accelerometer:

Type / Resolution:

3 Axis / 0.1g r

Barometer:

Resolution / Range:

±1 hPa / 300 – 1100 hPa

Battery

Type: Lithium-ion

Power: 3.7V, 4500 mAh

Access Port

Type:

TTL (USB cable is available)

Power Consumption

Sleep/Idle: 0.05 mAh

GPS only: 75 mAh

GPRS only: 100 mAh

GPS and GPRS: 165 mAh

Battery Life

Transmissions:

Work time

Every 10 minutes: 60 hours

Every 6 hours: 90 days

Every 24 hours: 300 days

Trusted Partners



**ATLANTIC
AIRWAYS**



AIR FRANCE KLM



AIR CANADA

