

BlueTraker[®]



BlueTraker B for cargo tracking

CARGO TRACKING



EMA GROUP
Teharje 7b
3000 Celje, EU
www.bluetraker.com

FUNCTIONALITIES



6 months autonomy



Tamper detection



Embedded Geozones



No installation / magnetic fix



Bidirectional communication



BlueTraker can have over 500 geo-zones stored in device memory.

Geozone violation reported in max. 30 s.



Sensors for unauthorised intrusion attempt.



Magnetic attachment outside on the deck.



User can easily send commands to device from the office.



Fully charged in 6 hours with iCS (Intelligent Charging Station) and up to 12 devices simultaneously.



Portable with integrated handle.

Technical Specification



sales@bluetraker.com

Physical

External dimensions	198 mm (width) x 198 mm (length) x 67 mm (height)
Weight	1140 g (including one back-up battery)
Housing	Double shell housing, light colour outer shell, resistant to UV solar radiation

Environmental

Operating temperature	-40°C to +60°C
Humidity	10% a 100% Relative Humidity including condensation
Dust and water ingress	IP68 protection class (depth 6m, duration 30 min.)
Vibration	IEC 60945:2002, 5Hz - 13.2 Hz sweep sine, displacement 0.001m, sweep rate 0.5 oct/min;13.2 - 100Hz sweep sine, acceleration amplitude 7m/s², sweep rate 0.5 oct/min

Electrical

Back-up battery	LiPoly battery (from 1000 mAh up to 8400mAh)
Autonomy with back-up battery	up to 30 days

GSM / GPRS data communication

Supported bands	Quad Band 850/900/1800/1900 MHz
SIM card	Global SIM, supplied with the terminal
Data features GPRS	Embedded TCP / IP and UDP / IP protocol stack Embedded FTP SSL – Secure Connection
Antenna GSM	Integrated

GPS/GLONASS positioning receiver

Channels	33 tracking, 99 acquisition
Acquisition:	Cold start 28 s,Hot start <1 s, sensitivity -167 dBm @ tracking
Accuracy:	5 m CEP
Antenna	Integrated patch antenna