Amber Guard T200
Mini Tracker Easy

ALARM BUTTON
Easy to reach, instant messaging in case of emergency

LIVE TRACKING
Real time monitoring of employee location

INSIDE TRACKING
Get a live tracking information from inside the buildings with the help of BLE beacons

MAN DOWN & NO MOVEMENT EVENT
Automated emergency alarm for no movement scenarios

EXTRA SMALL
Dimensions only 44x43x20 mm. Such a device can be easily hidden and work for long hours

BLE BEACON SUPPORT
Low power sensors and BLE Beacon support for various use cases

Amber Guard T200 Mini Tracker Easy

Amber Guard T200 is an autonomous personal tracker with GNSS, GSM and Bluetooth connectivity. Our mini tracker is designed for the monitoring of people, pets and cars. It can also be applied for employee control, security staff at the sport events and other use cases to ensure security and control. IP67 waterproof case provides convenient usage, even in harsh conditions. The large battery's capacity expands the application range where long battery life is needed. Also, Amber Guard T200 supports firmware and configuration update via Fota WEB.

Amber Connect
Experience Telematics AI

Use Cases

Workers

Offices & Bank Security

Driver Security

School children

Pets, Farm Animals

Module

Name	ART 200
Technology	GSM/GPRS/GNSS/Bluetooth (4.0 + LE)

GNSS

GNSS	GPS, GLONASS, GALILEO, BEIDOU, QZSS, AGPS
Receiver	Tracking: 33
Tracking sensitivity	-165 dBM
Position accuracy	< 2.5 CEP
Hot start	< 1 s
Warm start	< 25 s
Cold start	< 35 s

Cellular

Cellular technology	GSM
2G bands	Quad-band 850 / 900 / 1800 / 1900 MHz
Data transfer	GPRS Multi-Slot Class 12(up to 240 kbps) GPRS Mobile Station Class B
Data support	SMS (text/data)

Power

Power	3.8 V 800 mAh rechargeable Li-ion battery

Interface

GNSS antenna	Internal High Gain
Cellular antenna	Internal High Gain
Bluetooth antenna	Internal High Gain
Sensors	Accelerometer
USB	4 pin magnetic USB Cable
Interface	ART200 module, Internal Micro-SIM Slot, 128 MB internal flash memory (220'000 records)
Buttons	2 configurable buttons
Indication	RGB LED, Vibration

Features

Configuration and firmware update	FOTA WEB (cloud based solution),Amber Configurator (USB, Bluetooth), Configuration through SMS
Scenarios	Alarm button, Man-down detection, Home zone, Inside tracking, Movement/No Movement Events, 50 Manual Geofence zones, Over Speeding, Action on call feature, Real Time tracking, Smart algorithm of GPRS data sending for GPRS traffic saving, Asset tracking
Sleep modes	Online Deep Sleep, Deep Sleep, Ultra Deep Sleep, Low power mode
Protocols	UDP/TCP/SMS
Data sending	Primary, Duplicate and Backup servers
Security	Configuration password, SMS login and password, Authorized GSM numbers list, TLS
Time Synchronization	GNSS, NITZ, NTP
Supported peripherals	Bluetooth LE Movement sensors, LE Magnet sensors, LE Temperature and Humidity sensors and LE Temperature sensors support, iBeacon and Eddystone beacon support.

Physical specification

Dimensions	44 × 43 × 20 mm (L x W x H)
Ingress Protection Rating	IP67

Certification & approvals

Regulatory	CE/RED, EAC, RoHS, REACH, ANATEL (pending), UKCA (pending)

Need help? Contact 24/7 live support!

In App Chat | support@amberconnect.com | Chat via website www.amberconnect.com

Works with Android phones and tablets, iPhone, iPad.
Compatible with Chrome, Mac and PC web browsers.

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Amber Connect