

ivTrack Evo

inVirtus Tracker series



The ivTrack Evo is an industrial-grade asset tracker designed for seamless indoor and outdoor traceability.

It features multi-technology geolocation, combining high-precision GPS/GNSS and BLE scanning anywhere. Data transmission is powered by LTE-M, LTE-Cat 1Bis networks with a reliable 2G fallback.



Electrical specification

Device type :
GNSS tracker

Coverage :
Over 190 countries worldwide.
Embedded SIM



Operating frequency :
GNSS : GPS, GLONASS, GALILEO, BDS, QZSS
BLE : 2.4GHz ISM (2402 - 2480 MHz)
Cellular : LTE-Cat M1 /NB-IoT, LTE-Cat 1Bis GSM / 2G

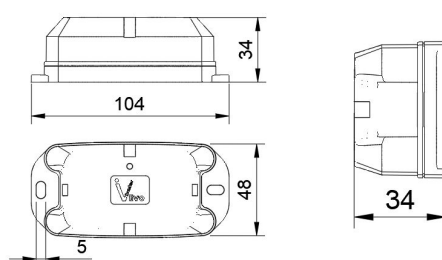
Battery capacity :
7000mAh replaceable LiSOCl2 battery
Up to 6 years with 1 GNSS per day
Up to 3 years with 4 GNSS per day

Accelerometer sensors :
3-axis accelerometer
Shock and Motion detection

Compliance :
CE, RoHS, DO-160, AES256



Mechanical specification



Dimensions :
104x52x35mm

Compliance :
IP68, IK07

Tag materials :
PC

Weight :
130g

Température :
-40/85 °C

Customizable color:
Black (default)



Bluetooth Low Energy

BLE Features :
BLE Anchors mode
Detectable by zone and high precision anchors



Additional specification

Configuration & data access :
inVirtus Cloud Platform
Custom integration

Cell location :
Positioning from cell antenna (Fallback)

OTA DFU :
From BLE or Cellular connectivity

Optional sensors :
Pressure, Temperature, Humidity

Airplane mode :
Automatic takeoff detection
<https://www.invirtus.io/en/airworthiness/>

About inVirtus Technologies

Invirtus Technologies specializes in high-precision indoor and outdoor tracking solutions for industrial logistics and supply chain management.

Their smart geolocation ecosystem helps companies optimize operational workflows, prevent loss, and significantly reduce costs

MORE INFORMATION :
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www.invirtus.io

