



HVT001

Cigarette Lighter GNSS Tracker



The HVT001 is a discreet car GPS tracker cleverly integrated into a cigarette lighter style USB charger. This plug-n-play tracker installs quickly in virtually any vehicle, providing real-time GPS location, audio monitoring of the surrounding environment, and more. This inconspicuous and unobtrusive tracker is ideal for both fleet management and individual applications.



GPS & LBS Positioning

Two complementary positioning systems ensure the locations to be accurately displayed on cloud platform.



Embedded Microphone

An unnoticeable Mic capturing and reporting the sounds surrounding device.



Ignition Detection

Constantly detect the ACC/ignition status of the vehicle.



Panic Button

Contact dispatch or emergency support with a discreet, in-cabin SOS button.



Geo-fence

A virtual area set on platform by yourself, you'll be informed when vehicle crossing its boundary.



Power-off Alert

Get instant alerts when an interruption of power supply is detected.



Dual USB Charging Ports

Two USB charging ports for other electronic devices such as mobile phones.



Over-speed Alert

You'll be notified when vehicle speed is higher than preset value.

Corporate Cars



Vehicle Rental



Stolen Vehicle Recovery



GNSS

Positioning system	GPS, GLONASS, GALILEO
Frequency	L1
Positioning accuracy	<2.5m CEP
Tracking sensitivity	-165dBm
Acquisition sensitivity	-148dBm
TTFF (open sky)	Avg. hot start ≤ 1sec Avg. cold start ≤ 32sec

Cellular

Communication network	GSM
Frequency	Quad-band 850/900/1800/1900 MHz

Power

Battery	130 mAh/3.7V industrial-grade Li-Polymer battery
Input voltage	9-24VDC

Interface

Connector	Cigarette lighter socket
SIM	Nano-SIM
USB	2 x USB type A for charging
Data storage	128Mb

Physical specification

Dimensions	84.0 x 44.0 x 38.0 mm
Weight	102.8g

Operating environment

Operating temperature	-20℃ to +70℃
Operating humidity	5%~95%, non-condensing

Feature

Voice monitoring range	≤5 meters
Sensors	Accelerometer
Ignition detection	External power voltage
Scenarios	Vehicle movement alert, Over-speed alert, Geo-fence, SOS call, Voice-monitor, Vehicle battery detection