

ZENTRACK

POWER



**Improve Utilization,
Safety, and Security of
your Assets**

Top asset tracking solutions, setting
the standard with unmatched
reliability, value, and ROI.



WORK
MANAGEMENT



DASHCAMS



ASSET
TRACKING



MAINTENANCE



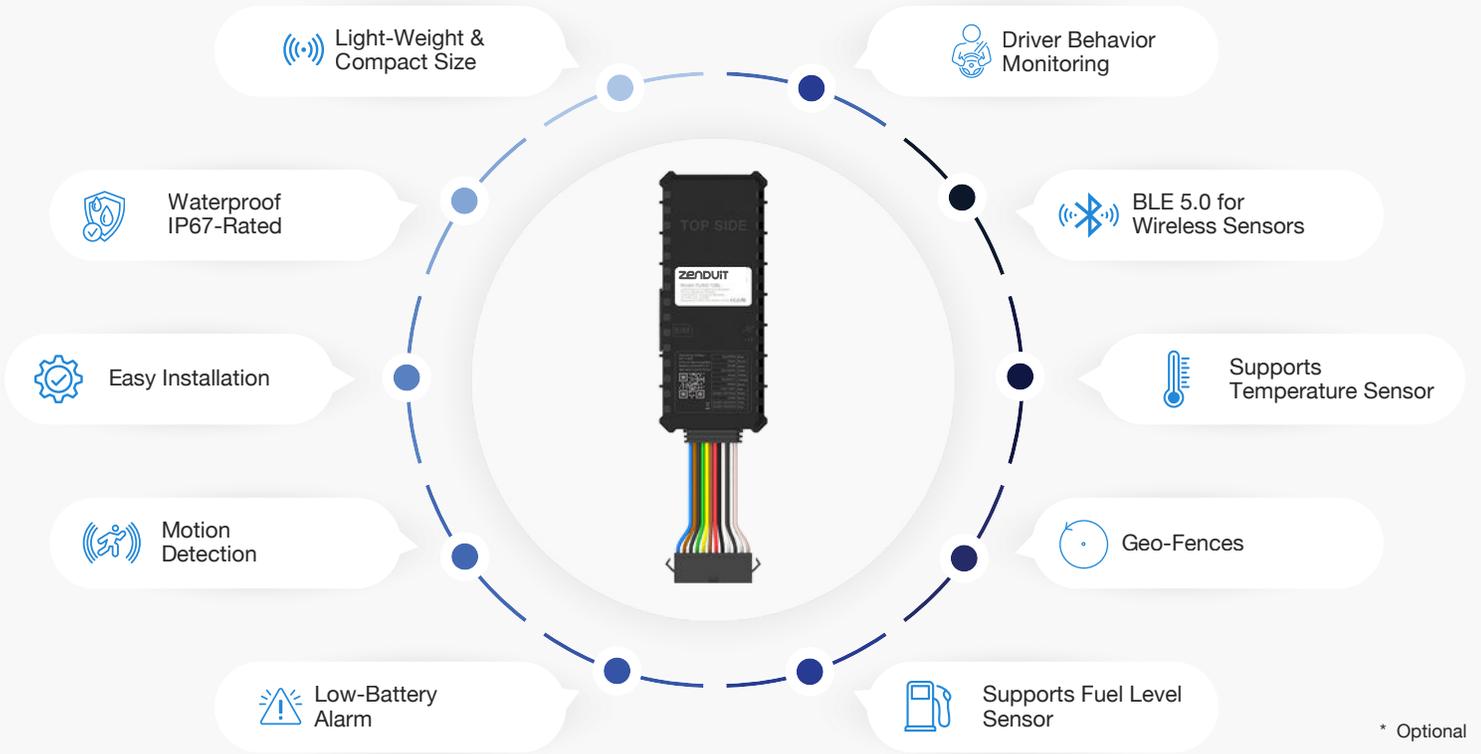
DRIVER APPS

ZENDUONE

zenTRACK

POWER

Hardwired Tracker with BLE 5.0 with multiple I/O for ignition detection, relay, buzzer, SOS button, analog fuel sensors



Track, Protect, and Optimize – Your Ultimate Asset Guardian.

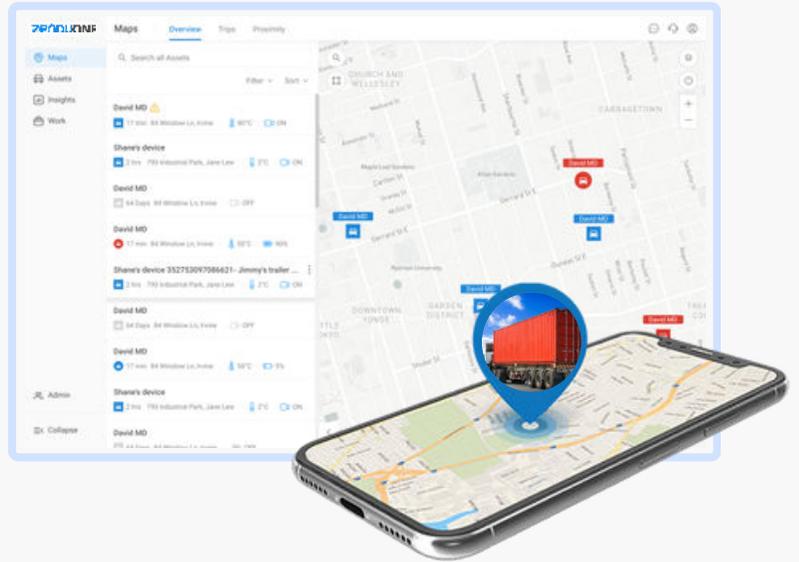
The ZenTRACK Power hardwired has multiple I/Os that could be used for ignition detection, relay, buzzer, SOS button, analog fuel sensors, or your own accessories.

When working with BLE sensors it can monitor the temperature, humidity, door status, etc. It's an all-in-one model to serve your needs for customised solution.



Real-Time Tracking and Notification Alerts

The ZenTRACK Power provides precise, real-time location updates using GNSS technology, which supports GPS, Glonass, Galileo, and Beidou. This ensures accurate positioning under various conditions. Additionally, it offers alerts for disconnection, unauthorized movement, and unsafe driving behaviors, allowing for immediate response and enhanced security.



Advanced Sensor Integration

This tracker supports multiple input/output interfaces and BLE 5.0 sensors, enabling comprehensive monitoring of asset conditions. Users can connect sensors to track temperature, humidity, and door status, which is particularly useful for managing perishable goods or ensuring the security of enclosed assets.

Remote Control & Crash Detection

The ZenTRACK Power features remote control capabilities, including ignition detection and relay control, allowing users to remotely manage vehicle operations. It also includes crash detection, which can automatically alert users to potential accidents, providing critical data for incident management and response.



Engine Immobilized

Vehicle marked as stolen



HOW IT WORKS?



01

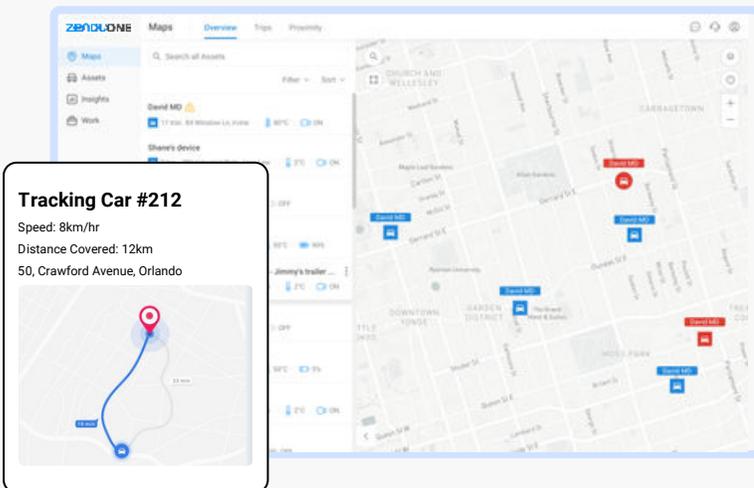
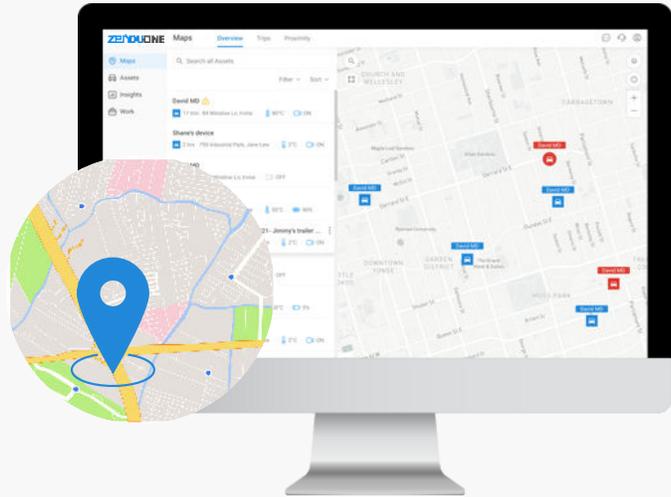
Installation and Hardwiring

Mount the tracker in a secure location in your vehicle, ensuring it's hardwired for power or battery-powered for flexibility.

02

Activation on ZenduONE

Connect it to your fleet management software, using GPS and cellular signals to start tracking.



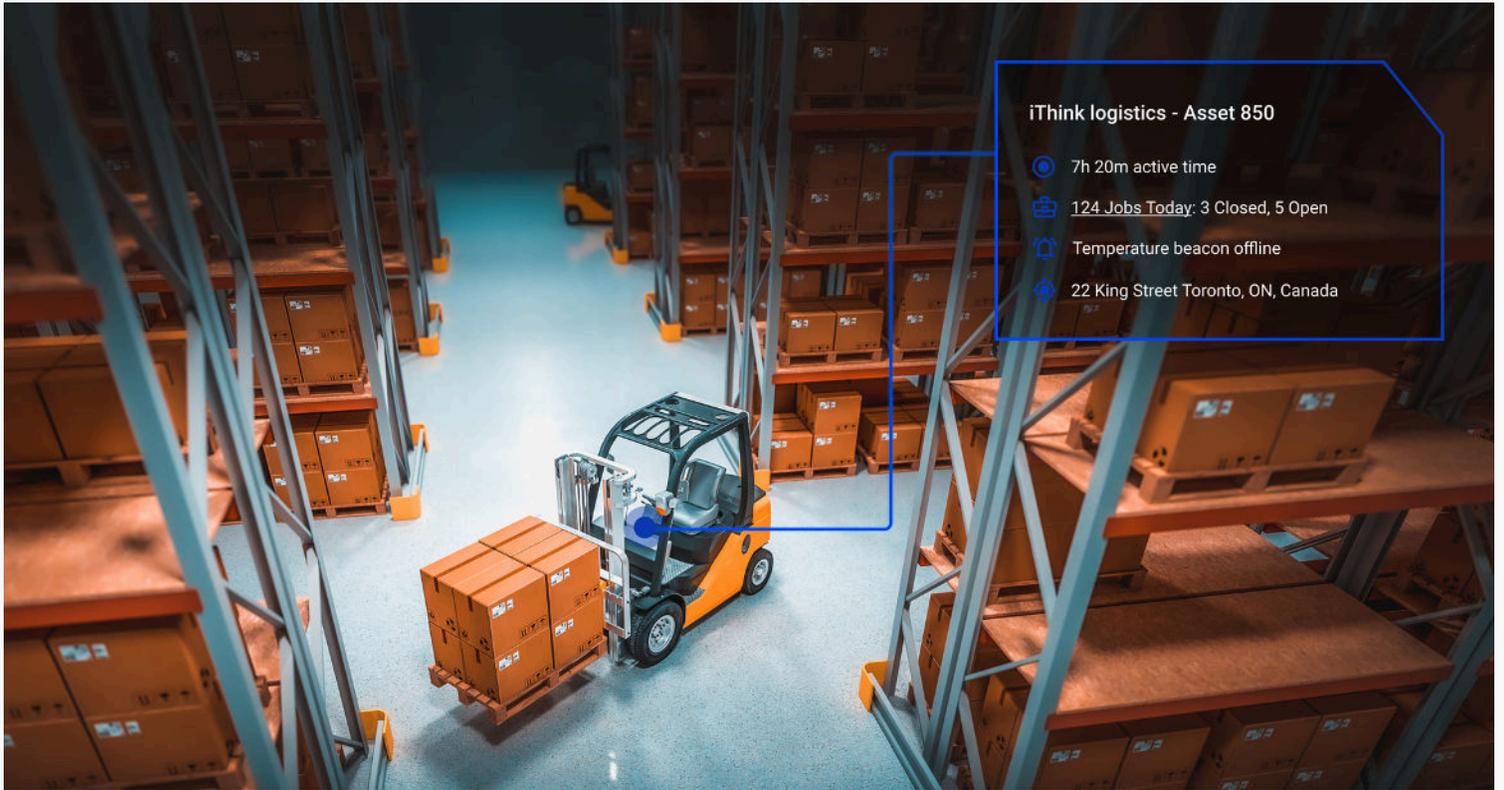
03

Real-time Monitoring

Monitor real-time location data, geofencing, and driver behavior remotely via the paired platform, helping with fleet optimization and theft prevention.

PRODUCT SPECIFICATION

Operating Band	Cat M1: B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B25/B26/B27/B28/B66/B85 Cat NB2: B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B25/B28/B66/B71/B85 GSM/EDGE 850/900/1800/1900MH
Data Transmission	eMTC: Max. 300Kbps (DL), Max. 375Kbps (UL) NB1: Max. 32Kbps (DL), Max. 70Kbps (UL) EDGE: Max. 296Kbps (DL), Max. 236.8Kbps (UL) GPRS: Max. 107Kbps (DL), Max. 85.6Kbps (UL)
GNSS Chipset	MediaTek High Gain GNSS receiver
Parallel GNSS	GPS + Glonass + Galileo + Beidou
Receiver Type	33 tracking/99 acquisitions- channel GNSS receiver
Sensitivity	Cold start: -149 dBm Tracking: -163 dBm
Position Accuracy (CEP)	Autonomous < 2m
Standalone TTFF	Cold start: <29s Warm start: <27s Hot start: 1s
Digital Input	3
Digital Output	2
Configurable Input (Digital / Analog)	3
LTE / GNSS / Bluetooth Antenna	Internal only
Indicator LED	Network and GNSS
FOTA	Yes
BLE	5.0
Waterproof	IP65
Dimensions	102.5mm x 42.5mm x 12mm (4.04" *1.67" *0.47")
Weight	55g (1.94oz)
Backup Battery	Li-Polymer 200 mAh/ 3.7V
Operating Voltage	8V to 60V DC
Operating Temperature	-30°C +80°C (-22°F 176°F)
Storage Temperature	-40°C +85°C (-40°F 185°F)
Transmit Protocol	TCP, UDP, MQTT, SMS
Data Security & Encryption Option	MD5 / AES256
BLE Accessory Support	Yes
Scheduled Timing / Angle / Distance Report	Report position and status at preset intervals
External Power Status Alarm	Report when external power is disconnected
Low Power Alarm	Report when backup battery is low
Speeding Alarm	Report when speed exceed the pre-set value
Towing Alarm	From internal 6-axis accelerometer
Remote Control	Remote output control
Network Signal Jamming Detection	Report network jamming
Data Roaming Control	Avoid additional data consumption
Driving Behavior Monitoring	Aggressive driving behavior detection, e.g. harsh braking and acceleration
Crash Detection	Accident data collection for reconstruction and analysis



ACCESSORY INFORMATION

Maximize the potential of your ZenTRACK Power Hardwired Asset Tracker with a range of accessories designed to enhance its functionality. Add BLE wireless sensors for monitoring additional environmental parameters, utilize external temperature probes for precise temperature tracking, and integrate Bluetooth-enabled accessories to expand its capabilities.



TSR1-B BLE 5.0 Wireless Relay



TSTH1-B BLE 5.0 Temp. & Humidity Sensor



TSDT1-B Door Sensor