

Dart

Feature rich, affordable GPS tracking device



The Dart is a compact and economical, yet feature rich GPS/GLONASS tracking device available in 2G or 3G.

FEATURES

- High Sensitivity U-blox GPS
- 3D Accelerometer
- Internal Back-up Battery
- 3 Digital Inputs and 1 Output
- Easy to Install and Conceal
- Wired or Emulated Ignition Detection
- Geo-fencing and Alerts
- Plug-in 12 Wire Harness
- Driver ID Support: RFID or iButton

APPLICATIONS



Vehicle and fleet tracking



Powered asset tracking



Run hour monitoring



Tax and FBT reporting



Scheduled maintenance reminders



Anchoring and security of assets

MECHANICAL FEATURES

ABS Plastic Housing	Compact housing which incorporates handy anchor points for easy attachment and concealment. The housing clips together to make setup simple and efficient.
Dimensions (mm) Weight	L 95 x W 55 x H 17 150 grams including battery
Automotive Power	8-36V DC
Harness	12 Pin wiring harness
Operating Temperature	-20°C to +60°C
Power	Automotive Power 8 – 36V DC 200mAh LiPo internal backup battery pack

CONNECTIVITY

Cellular	2G/3G, standard (2FF) size Cellular SIM card
GPS and Cellular Antenna	Internal antennas tuned by RF laboratories to ensure optimal performance
Auto-APN	Analyse SIM and detect APN from pre-loaded list

GPS TRACKING

GPS Module	High sensitivity assisted GPS receiver, 72 channel
AssistNow Offline	Predicts satellite locations Reduces the time to first fix Improves performance in "urban canyons"

SPECIFICATIONS

Recovery Mode	Switch from Normal Tracking to Always-On Live Tracking Over-The-Air
Text Message Setup	Setup APN, server, etc.
3D Accelerometer	3 axis accelerometer allows low power sleep mode if idle, and intelligently reports on suspected accident events, as well as harsh driving.
G-Force Events	Accident and Rollover Accident Data (Black Box) Harsh Acceleration, Braking and Cornering
Driver ID	Driver Identification with RFID or iButton key fobs Driver Lists on device
Ignition Detection	Wired Ignition (Voltage Input On/Off) Emulated Ignition (Movement) Run Detect (Voltage Increases)
Internal Memory	Flash memory can store 50,000 records
Internally Fused	Passes stringent automotive power "load dump" tests Will operate in the harshest electrical systems Built-in self-resetting fuse makes installation easy and safe
3 x Digital Inputs	Dedicated Ignition + 2 x Inputs, configurable over-the-air,
1 x Digital Output	Switched Ground Digital Output