# CoolDrive
## AUTO PARTS

# GATOR

**VEHICLE TRACKING SYSTEM**

# GTKPRO2

## 4G LTE CAT-M1
### VEHICLE GPS TRACKING SYSTEM
with Telstra M2M SIM Card & 30 Days Tracking Included

**Reliable, accurate & secure tracking, operating on an Australian Based Server,** monitor your vehicle in real-time and receive instant alerts via the Gator Tracking Smartphone App and Web Portal.

**Part No: GTKPRO2**

**Gator Tracking**

Available on the App Store

GET IT ON Google Play

## FEATURES

**Nationwide Coverage**
4G LTE CAT-M1 device operating on the Telstra Network

**Unlimited Vehicle Tracking**
track unlimited vehicles/trackers from a single log in

**14 Months Tracking History**
view tracking history and download detailed reports

**Offline Memory**
continues tracking even when data connection is lost

**Fleet Management Tools**
create sub accounts, group fleets and generate advanced reports

**2 AUX Relay Outputs**
connect and control electrical systems in the vehicle

**Vehicle Location Alerts**
geo-fences, routes and places can be set to create alerts

**Vehicle Monitoring**
driver behaviour and crash impact alerts can be enabled

**Tow Away Detection**
will send an alert if the vehicle is being towed

**Ignition Disable**
cut off the vehicle ignition remotely via the tracking portal

**12-24V Compatible**
suitable for installation in virtually any vehicle

**Battery Backup**
continues tracking when power is disconnected

*Automotive is in our DNA*

# SPECIFICATIONS

## TECHNICAL

**GNSS:** GPS, GLONASS, GALILEO, BEIDOU, QZSS, AGPS (Configured for GPS AND GLONASS only)

**RECEIVER:** Tracking: Up to 33 Satellites

**TRACKING SENSITIVITY:** -165 dBM

**ACCURACY:** < 3M (accuracy depends on PDOP metrics (Satellite qty and spread)

**HOT START:** < 1 s

**WARM START:** < 25 s

**COLD START:** < 35 s

## CELLULAR

**TECHNOLOGY:** LTE CAT M1/NB-IoT/GSM (Configured for 4G CATM1, Telstra Network only)

**4G BANDS:**

LTE FDD: B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B28

LTE TDD: B39 (Configured to focus only on Telstra 4G CATM1 bands only)

**DATA TRANSFER:** LTE: Max. 375Kbps (DL)/Max.375Kbps (UL)

**GPRS:** Max. 85.6Kbps (DL)/Max. 85.6Kbps (UL)

**DATA SUPPORT:** SMS (text/data) SMS limited to administration only

**SIM SUPPLIED:** M2M SIM card. Requires subscription to work beyond 30 days from activation

**INPUT VOLTAGE RANGE:** 10V - 35V DC (10 - 30 V DC with overvoltage protection)

**BACK-UP BATTERY:** 170 mAh Li-Ion battery 3.7 V (0.63 Wh)

## PHYSICAL

**DIMENSIONS:** 65 x 56.6 x 20.6 mm (L x W x H)

**WEIGHT:** 55 g

## BLUETOOTH / CAN: 4.0 + LTE

**SUPPORTED BT PERIPHERALS:** Temperature and Humidity sensors, Universal BLE sensors support (Requires extra configuration and server admin approval)

**SUPPORTED CAN PERIPHERAL:** Peripheral data to server is not supported under all subscription plans. CAN data plans on request. (Requires extra configuration and server admin approval)

## INTERFACE

**3 SENSOR INPUTS:** (Digital High/Lo) D1 - Ignition detection (High), D2 door open sensing (Gnd), D3 SOS Help button (High)

**DIGITAL OUTPUTS:** 3 (D1 reserved for ignition disable)

**CAN ADAPTER INPUTS:** 1

**1-WIRE DATA EXPANSION PORTS:** 1

**GNSS ANTENNA:** Internal High Gain

**CELLULAR ANTENNA:** Internal High Gain

**USB:** 2.0 Micro-USB (Used for config/ debug only)

**LED INDICATION:** 2 status LED lights

**SIM:** Micro-SIM

**MEMORY:** 128MB internal flash memory (capable of storing tracking data when data link is severed temporarily from the server)

## OPERATING ENVIRONMENT

**OPERATING TEMPERATURE:** -40°C to +85°C (without battery)

**STORAGE TEMPERATURE:** -40°C to +85°C (without battery)

**OPERATING HUMIDITY:** 5% to 95% non-condensing

**INGRESS PROTECTION RATING:** IP41

**BATTERY CHARGE TEMPERATURE:** 0°C to +45°C

**BATTERY DISCHARGE TEMPERATURE:** -20°C to +60°C

**BATTERY STORAGE TEMPERATURE:** -20°C to +45°C (1 month) / -20°C to +35°C (6 months)

# INCLUSIONS

**TRACKING MODULE**

**WIRING HARNESS**

**IMMOBILISATION RELAY**

**SIM CARD**

**PRODUCT MANUAL**