



BT2180 ASSET TRACKER PRODUCT SHEET

BT2180 is a fully integrated tracking device for communicating mobile asset location information to owners via the AT&T's Cat M1 network. With an integrated GPS engine, embedded cellular, PCS and GPS antennas, BT2180 is a cost effective solution for monitoring vital location data for remote assets.

BT2180 provides 2 digital inputs and 1 internal analog input used to monitor battery voltage. In addition to multiple inputs, BT2180 provides a digital output that can drive ignition relays. BT2180 has an optional external GPS connector for instances where higher GPS sensitivity is required. With its compact design, BT2180 can be covertly installed in tight locations.

With its highly mature firmware, BT2180 supports TCP, UDP, FTP and is capable of firmware update and configuration over-the-air.

BENEFITS

- Unlimited Locate On Demand
- Starter Interrupt
- Location History
- Impound Yard Notifications
- Lot Management
- Small Compact Design Can Be Installed in Tight Places
- 3 Easy Installation Configurations

KEY FEATURES

- AT&T Cat M1 Coverage
- 4G LTE Bands 2, 4, and 12
- LED status indicators for GPS lock and network registration
- Over-the-air firmware upgrade
- Supports TCP, UDP, FTP
- Integrated GPS engine and GPS antenna
- Supports SMS connectivity

USE CASES

- Buy Here Pay Here Car Dealers
- Subprime Auto Lenders





BT2180 ASSET TRACKER SPEIFICATIONS

CELLULAR SPECS

4G LTE Cat M1 Characteristics

3GPP Release 13	
LTE (FDD)	
Supported Bands:	FDD 2, FDD 4 & FDD 12
SMS: MT/MO	

GPS SPECS

Receiver Type:	72 channel
Receiver Tracking Sensitivity*:	165 dBm
Accuracy*:	+/- 2.5m CEP
TTF Cold Start*:	27 seconds (Typical)
TTF Hot Start*:	1 second (Typical)
*50%, 24 static-130dBm, >6 Sats.	

PHYSICAL CONNECTION

Power and Input/Output :	4 pin Micro Fit Connector
Serial Interface:	UART
I/Os:	1 Analog Input, 2 Digital Inputs, 1 Digital output

MECHANICAL SPECS

Case Material:	PC
Dimensions:	2.2" x 1.8" x 1" (55 x 45 x 25mm)
Weight:	2 oz. (<57 grams)
Operating Temperature:	-30°C to +70°C

POWER SPECS

D.C. Power:	8 - 28 VDC Input
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CERTIFICATIONS

- PTCRB
- FCC
- ISED
- AT&T



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