

DATASHEET

QUICK DEVICE VEHICLE GPS TRACKER

DESCRIPTION

The CallPass iGotcha Quick Device 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, Quick Device is a cost effective solution for monitoring vital location data for remote assets.

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

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

USE CASES

- Buy Here Pay Here Car Dealers
- Subprime Auto Lenders
- Bank and Credit Union Lenders



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



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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
TTFF Cold Start*:	27 seconds (Typical)
TTFF Hot Start*: <small>*50%, 24 static-130dBm, >6 Sats.</small>	1 second (Typical)

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

POWER SPECS

D.C. Power:	8 - 28 VDC Input
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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



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