



**PUI**  
Positioning Universal

# FT205

OBD-II  
ASSET TRACKER

The **FT205** is an easy-to-install asset tracker that gives you the insight you need to maximize the fuel economy of your fleet, improve the performance of your drivers, optimize your vehicle maintenance schedule and hone your dispatching and route planning.

## KEY FEATURES

- Plug-and-play installation
- TSL/SSL security
- Provides diagnostic trouble codes
- Impact detection and recording
- Bluetooth Low Energy
- LTE global CAT M cellular network coverage
- Driver behavior monitoring
- Tamper protection
- Supports ISO-15765, CAN 1939, CAN 2.0 and ISO 9141-2 for tachometer

## MARKET APPLICATIONS

- **Fleet Maintenance**
- **Car and Light-Duty Fleet Solution**
- **Usage-Based Insurance**
- **Rental and Leased Fleets**



## SPECIFICATIONS

### CASE

<b>DIMENSIONS</b>	65mm x 46mm x 24.5mm
<b>WEIGHT</b>	48g without battery
<b>HOUSING</b>	UL94-V0 flame retardant

### LOCATION

GPS (multi-constellation)  
Multi-tower cellular (via cloud)  
Assisted acquisition: 2s (via cloud)  
Hot start: <2s  
Acquisition sensitivity: -160dBm (1\*)  
Tracking sensitivity: -162dBm (2\*)

### ENVIRONMENT

<b>OPERATING TEMP</b>	On vehicle power: -40°C to 70°C (3*) On battery power: -5°C to 60°C (4*)
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<b>SHOCK AND VIBRATION</b>	SAE J1455
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### POWER

<b>POWER INPUT</b>	6-24V (48V OVP)
<b>POWER CONSUMPTION</b>	1.2mA (sleep) - 70mA (peak) @ 12V
<b>BATTERY (OPTIONAL)</b>	Lithium-Ion 220mAh

### SENSORS

<b>SENSORS</b>	Accelerometer and Gyro
<b>SENSOR SAMPLING INTERVAL</b>	1 min to 24 hr; cloud configurable Dynamic on motion

### CERTIFICATIONS

RoHS, FCC, CE, IC, UL, REACH, RCM, PTCRB, AT&T, Verizon, Telstra, applicable carriers

### GLOBAL CELLULAR CONNECTIVITY

<b>CAT M1</b>	FDD B1/2/3/4/5/8/12/13/18/19/20/26/28; TDD B39
<b>NB1</b>	FDD B1/2/3/4/5/8/12/13/18/19/20/26/28
<b>2G</b>	GSM 850/900/1800/1900

### FLASH MEMORY

16Mb

### OBD-II

CAN ISO-15765, CAN J1939, CAN 2.0  
ISO-9141-2 (for tachometer)

### LOCAL WIRELESS

BLE 5.0

### REPORTING INTERVAL

1 min to 24 hr; cloud configurable  
Dynamic on motion

### SECURITY

Secure boot  
TLS/SSL

### I/O

<b>STATUS LEDs</b>	GPS, cellular, power
<b>8-PIN CONNECTOR</b>	TTL serial 1 general purpose digital input 2 general purpose digital output/relay controller 1-Wire technology (5*) 5V power output (2.5A max)
<b>BUZZER</b>	

(1\*)(2\*) Based on GPS chipset specification  
(3\*)(4\*) Inside operating temperature range  
(5\*) 1-Wire is a registered trademark of Maxim Integrated Products, Inc.

Specifications are subject to change. Please see your Positioning Universal contact for more details.