



# TMU110

Making telematics  
simple

- Optimized for a diverse range of applications
- Reliable self-installation ideal for connected car applications
- Superior cellular and GPS performance
- Patented triple-axis accelerometer for driver behavior capabilities and impact detection
- Low power sleep modes for longer life
- Optional Bluetooth 4.0 dual mode interface

The TMU110 series from Coretex features devices with a compact form factor, high sensitivity GPS for reliable location and tracking and patented triple-axis accelerometer motion sensing technology for detecting aggressive driving maneuvers such as harsh acceleration, braking and cornering, and high-impact events.

## Flexibility

The TMU110 family of devices are enabled with proprietary programmable event generator to continuously monitor the vehicle operating environment and respond instantly to pre-defined and configurable threshold conditions, such as motion, location, geofence crossings and custom parameters.

## Over-the-air Serviceability

TMU110 incorporates Coretex industry leading over-the-air device management and maintenance software. Customers can manage devices individually or by groups and Coretex can configure parameters including firmware remotely. Coretex offers out-of-the-box, hands-free configuration and automatic post installation upgrades to monitor device health status to quickly identify issues before they become expensive problems.

# TMU110 Specifications

## General

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Communication Modes	GPRS/CDMA, HSPA and LTE Cat 1 options
Technology	50+ channels GPS (SBAS)
Messages	20,000 buffered
Configuration	Automatic over-the-air firmware and configuration updates

## GPS

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Location Technology	GPS
Enhancement Technology	SBAS: WAAS, EGNOS, MSAS, GAGAN
Tracking Sensitivity	-162 dBm
Acquisition Sensitivity	-148 dBm
Location Accuracy	2.0m
AGPS / Location assistance capable	

## Physical

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Dimensions	43 x 64 x 25mm
Weight	52g with battery
Enclosure	Rugged textured plastic enclosure

## Environmental

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Temperature	-30° to +75° C (connected to primary power) -40° to +85° C (storage) *Except BatteryHumidity
Humidity	95%RH @ 50° C non- condensing
Shock and Vibration	SAE J1455
EMC/EMI:	CE, GCF, eMark
RoHS Compliant	

## Connectors / SIM Access

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SIM Access	Internal
Built-in OBD-II/ J1962 compliant connector	

## Electrical

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Operating Voltage	9-16 VDC Vehicle Systems
Sleep Mode	4.9mA @ 13V (deep sleep ) 83mA @ 13V (operation) 66mA @ 13V (SMS+UDP connection, GPS off) 114mA @ 13V (continuous transmit)

## Mounting

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Via built-in OBD-II connector	
Self-adhesive mounting with OBD-II extender cable	

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Call or visit our website

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