



## ET-MTI - Mini Telematics Interface OBD II/GPRS Modem with Integrated GPS



### Technical Specifications

#### Technology/Bands

- Quad-band 850/900/1800/1900 MHz
- GSM
- Jasper Wireless (AT&T)

#### Network Functionality

- Auto-Register to GPRS Network
- GPRS Class 10, Mobile Station Class B
- Embedded TCP/IP Stack, Including TCP, IP, UDP, SMTP and FTP Protocols
- OTA Firmware Upgrade Using FTP
- SMS Connectivity
- Supports TTY

#### OBD II Protocols Supported

- J1850 PWM
- J1850 VPW
- ISO-9141-2
- ISO-14230 KWP2000
- ISO-15765 CAN

#### Physical Layer Supported

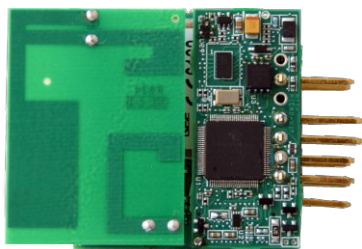
- MCAN
- SWC

#### Physical Connection

- OBD Connector J1962
- Pins 1,2,3,4,5,6,7,10,11,14,15,16

#### Certifications

- FCC Certified
- Meets FCC SAR limits
- PPAP Approval
- PTCRB Certified Jasper Network (built to ATT standards)
- Manufactured to ISO/TS 16949:2002 Specifications



#### GPS Specification

- Receiver 50 Channel
- Receiver Sensitivity -159 dBm
- Accuracy +/- 2.5m
- Cold Start 36 sec
- Hot Start < 1 sec

#### Status Indicators

- Network Registration/GPRS
- GPS Position Acquisition Status
- OBD II Status
- Alert Status

#### Power Requirement

- DC Power 6-18V
- GSM 850 35mA average @12V
- GSM 1900 30mA average @12V

#### Power Consumption

- GSM Transmit ~180mA
- Vehicle Data Logging ~ 85-90mA typical, peaks to 120mA
- Reduced Power, Vehicle Not Running 55-60mA
- Total Sleep 30mA

#### Antenna

- GPS Antenna Integrated
- Cell Band Rejection by GPS RF in >81 dBc
- Cellular Antenna Integrated Dual-band (824-1990 MHz)

#### Mechanical

- Case Material ABS Plastic
- Dimensions 1.8" X 1.5" X 1"
- Weight <2 oz

#### Environmental

- Operating Temp. -30°C to +75°C

#### On Board Accelerometer

- Axes: x/y/z
- Measurement range: +2, 4, 8 (switchable)

#### On Board Memory

- 4 MB

### General Description

The ET-MTI (Mini Telematics Interface) outperforms traditional vehicle telematics interfaces by offering a powerful combination of GPS, cellular communications technology, 3-axis accelerometer, on-board memory and OBD II generic and enhanced vehicle communications.

This extremely compact design is powered thru the vehicle's diagnostic port. The ET-MTI is easy to install, requires no external cabling and supports most 1996 and newer passenger vehicles.

Combine the ETI-MTI with a web application to provide such services as vehicle tracking, geofencing, alert notification, safety services, vehicle diagnostics, vehicle convenience functions such as remote door unlock, data logging and more.



### Contact Info

#### EASE Telematics

187 Commerce Dr  
Scott Township, PA 18447

Phone: 570-587-7080

Fax: 570-587-7081

Toll Free: 888-366-3273

E-mail: [info@easetelematics.com](mailto:info@easetelematics.com)

Web: [www.easetelematics.com](http://www.easetelematics.com)