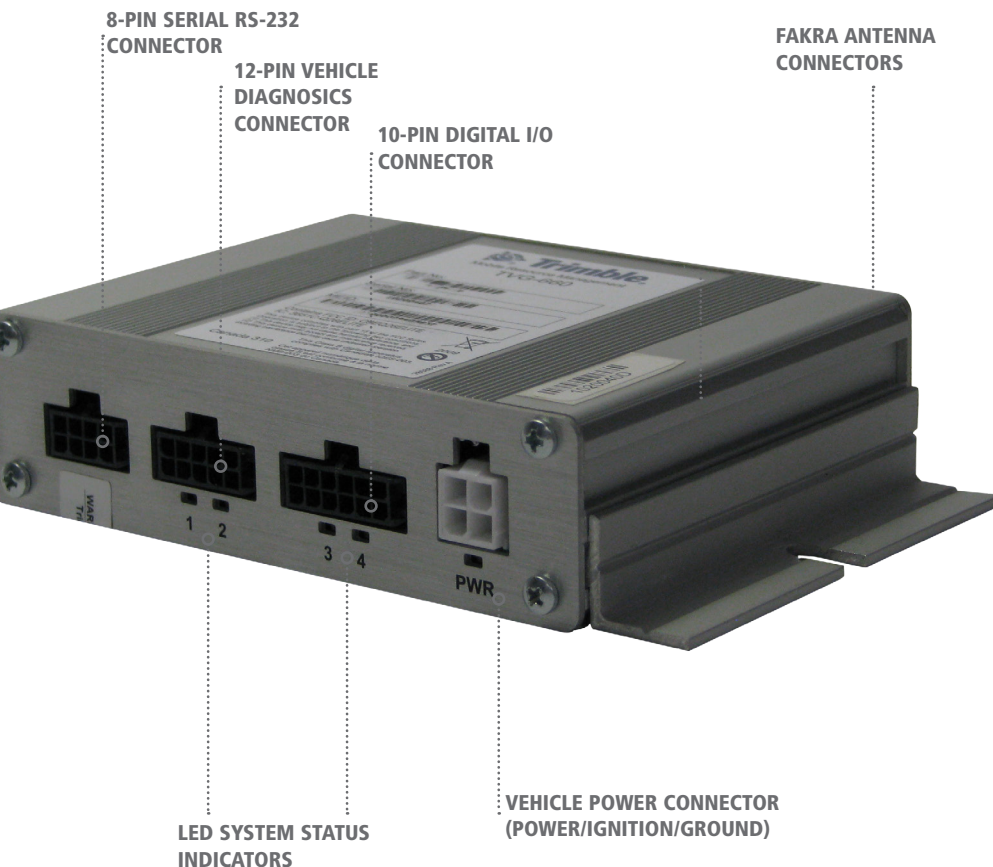


IN-VEHICLE LOCATION TRACKING COMBINED WITH VEHICLE DIAGNOSTICS

The Trimble Vehicle Gateway 660 (TVG 660) in-vehicle hardware combines GPS and vehicle diagnostics with wireless technology to provide real time location and diagnostic information for companies running fleets of any size and many types of vehicles.

SOLUTIONS THAT USE THIS HARDWARE

- Trimble GeoManager Fleet Management
- Trimble GeoManager Driver Safety
- Trimble GeoManager Work Management
- Trimble GeoManager Driver Logs



FEATURES

- 12-channel GPS receiver
- Compatible with established vehicle diagnostic protocols
- Small form factor
- Network certified on multiple carriers
- Dedicated vehicle diagnostics processor
- Dedicated vehicle diagnostics port
- RS-232 port
- Digital I/O supports Sensor Services
- Over-the-air programmable

PHYSICAL

Dimensions 94mm x 108mm x 30mm
 Weight 0.22 kg
 Material Aluminum
 Electrical Supply Voltage 8 to 32 V DC
 Vehicular Transient Tolerance Vehicle power-line transient immunity per ISO7637-2
 Power Consumption Typical Supply Current 12V Active: 100mA
 Supply Current 12V Hibernate: 11mA
 Typical Supply Current 24V Active: 65mA
 Supply Current 24V Hibernate: 8mA
 Ignition Sense Input 0 to 32 V DC

ENVIRONMENT

Operating Temperature: -30°C to +80°C (CDMA & EDGE versions)
 -30°C to +70°C (HSPA version)
 Storage Temperature: -40°C to +85°C (CDMA & EDGE versions)
 -30°C to +75°C (HSPA version)
 Humidity 5-95% non-condensing

RECEIVERS

GPS Receiver L1 (1575.42 MHz), C/A code, 12-channel, continuous tracking receiver

WIRELESS COMMUNICATIONS

1xRTT (CDMA version)
 EDGE/GPRS/GSM (EDGE version)
 HSPA/EDGE/GPRS/GSM (HSPA version)

PERIPHERAL & I/O OPTIONS

Serial Interface One RS-232 serial port
 Digital Input Two digital inputs

VEHICLE DIAGNOSTICS

J1850 PWM
 J1850 VPW
 ISO9141-2
 ISO14230-4/KWP2000
 ISO15765-4 (OBDII CAN)
 J1708
 J1939

ENVIRONMENTAL COMPLIANCE

RoHS
 WEEE

COMPLIANCE/CERTIFICATIONS**CDMA VERSION**

FCC Part 15 Class B
 Industry Canada / RSS-310

EDGE VERSION

FCC Part 15 Class B
 Industry Canada / RSS-310
 PTCRB
 CE
 e-Mark

HSPA VERSION

C-Tick

NETWORK OPERABILITY

Sprint
 Verizon
 KORE
 AT&T
 Vodafone

Specifications subject to change without notice.



4141 Sladeview Cr. #11
 Mississauga, ON
 L5L 5T1

Phone: 905.826.1545
 Toll Free: 866.356.3684

sales@elmtechnologies.com
www.elmtechnologies.com

© 2011, Trimble Navigation Limited. All rights reserved. Trimble, the Globe & Triangle logo and GeoManager are trademarks of Trimble Navigation Limited, registered in the United States Patent and Trademark Office and in other countries. All other trademarks are the property of their respective owners.

