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.

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
AT&T
Vodafone

Specifications subject to change without notice.