



TVG 660

IN-VEHICLE LOCATION TRACKING COMBINED WITH VEHICLE DIAGNOSTICS

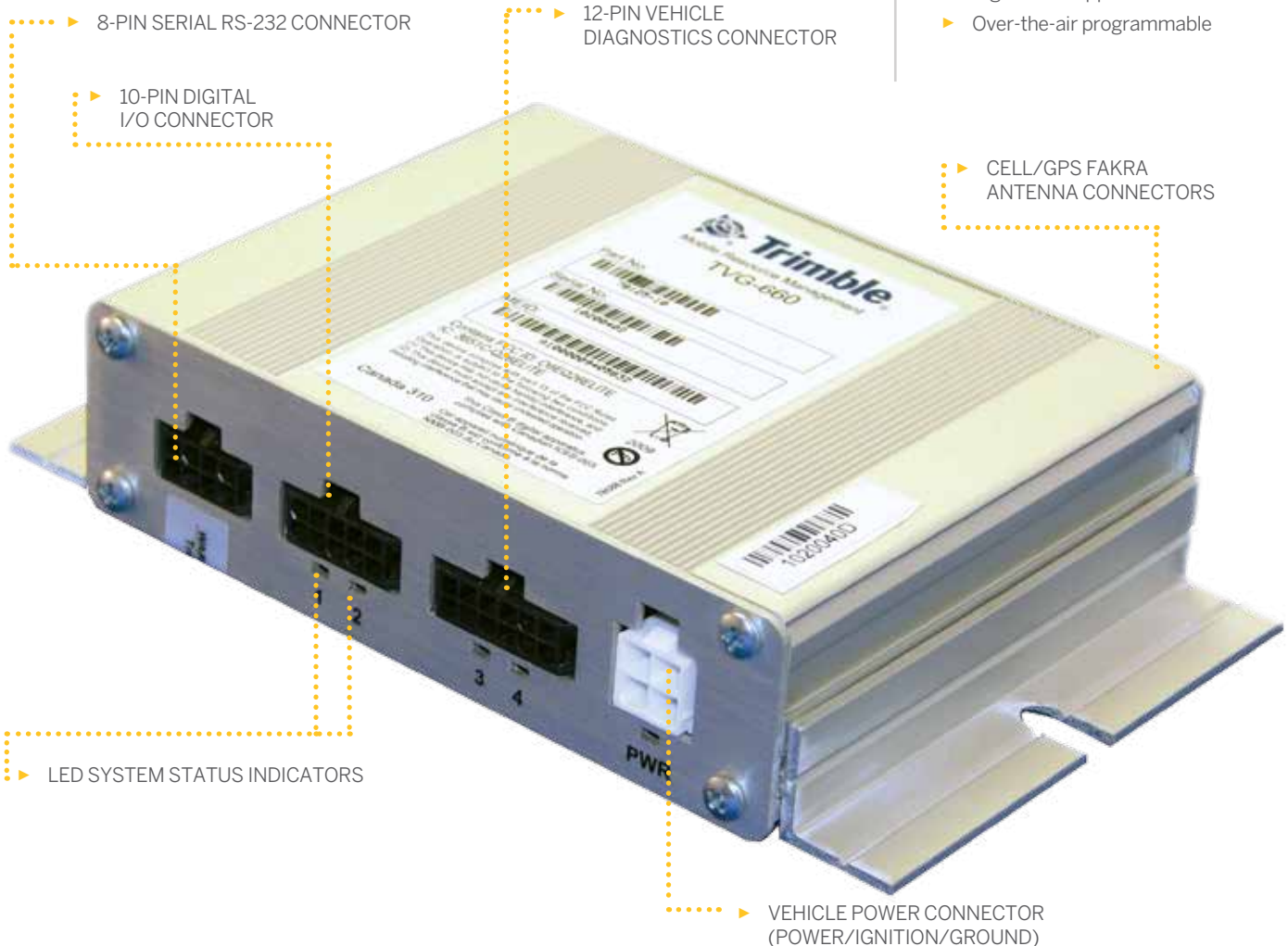
The Trimble Vehicle Gateway 660 (TVG 660) in-vehicle hardware combines GPS and vehicle diagnostics with wireless technology providing real-time location and diagnostic information to companies that manage fleets of any size and that may use many types of vehicles.

SOLUTIONS THAT USE THIS HARDWARE:

- ▶ Trimble Work Management
- ▶ Trimble Driver Safety
- ▶ Trimble Fleet Management

Key Features

- ▶ 12-channel GPS receiver
- ▶ Compatible with established vehicle diagnostic protocols
- ▶ Small form factor
- ▶ Network certified on multiple carriers
- ▶ Dedicated vehicle diagnostics port
- ▶ RS-232 port supports driver interface (iDT 3000 or TDI 100)
- ▶ Digital I/O supports Sensor Services
- ▶ Over-the-air programmable





PHYSICAL

Dimensions 140mm x 83mm (97mm w/FAKRA) x 30mm
 Weight 0.25 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 (Non-transmitting) 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 +70 °C with reduced performance from -40 °C to +80 °C (EDGE versions)
 -40 °C to +80 °C (CDMA versions)
 -30 °C to +80 °C with reduced performance from -40 °C to +80 °C (HSPA version)
 Storage Temperature -40°C to +85°C (all versions)
 Humidity 5-95% non-condensing

RECEIVER

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/VPW ISO 9141-2
 ISO14230-4/KWP2000 ISO15765-4 (OBDII CAN)
 J1708 J1708

COMPLIANCE/CERTIFICATIONS

- FCC
- PTCRB
- IC
- CE
- eMark

NETWORK OPERABILITY

- Sprint (CDMA)
- Verizon (CDMA)
- Kore (CDMA)
- Vodafone (EDGE 2G)
- AT&T (HSPA 3G)
- Telstra (HSPA 3G)

About us

Trimble Field Service Management provides visibility into field and fleet operations so businesses can streamline efficiency and increase productivity. The Field Service Management suite includes fleet management, work management and scheduling, worker safety and mobility solutions that transform the effectiveness of work, workers and assets in the field. The cloudbased portfolio allows Trimble to offer customers industry-specific, enterprise-level solutions for exceptional performance and ease of use.

Learn more

For more information on improving field and fleet productivity, visit:
www.trimble.com/fsm

Specifications subject to change without notice.

www.trimble.com/fsm

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