



TVG 670

ENTERPRISE LOCATION TRACKING UNIT

The Trimble Vehicle Gateway 670 (TVG 670) in-vehicle hardware combines GPS and vehicle diagnostics with wireless technology providing real-time location and status information to help manage fleets of any size.

SOLUTIONS THAT USE THIS HARDWARE:

- ▶ Trimble FieldMaster Logs

Key Features

- ▶ CDMA / 1xRTT or HSPA configurations
- ▶ Built-in 3-axis accelerometer for driver behavior, motion sensing and hard braking
- ▶ High sensitivity GPS
- ▶ Power management sleep modes
- ▶ jPOD™ and vPOD™ option for heavy and light duty vehicle support
- ▶ Over-the-air configuration and firmware upload



GENERAL

Communication ModesGPS, Cellular
Location Technology 56 channel GPS (With SBAS)
Operating Voltage 12 and 24 volt vehicle systems

GPS

Location Technology GPS
Enhancement Technology SBAS: WAAS, EGNOS, MSAS
Tracking Sensitivity -162 dBm
Acquisition Sensitivity -147 dBm
Location Accuracy 2.0m
• Anti-jamming and AGPS support

CELLULAR

Data Support SMS, CDMA 1xRTT, HSPA packet data

Operating Bands (MHz)

CDMA/1XRTT 850/1900
HSPA/UMTS 800(VI)/850(V)/900(VII)/
.....1700(IV)/1900(II)/2100(I)

CERTIFICATIONS FCC, CE, IC, PTCRB

CARRIERS Verizon, AT&T, Rogers

ENVIRONMENTAL

Temperature -30° to +75° C (connected to primary power)
..... -40° to +85° C (storage)
Humidity 95%RH @ 50° C non-condensing
Shock and Vibration U.S. Military Standards 202G
..... and 810F, SAE J1455
EMC/EMI SAE J1113

ELECTRICAL

Input Voltage 7-32 VDC (momentary)
..... 9-30 VDC (start-up, operating)
Power Consumption 4mA @ 12V (deep sleep)
..... 10mA @ 12V (sleep on network with SMS)
..... 20mA @ 12V (sleep on network with GPRS)
..... 70mA @ 12V (active tracking)
Back Up Battery 1000mAh

PHYSICAL

Dimensions 4.3" x 3.2" x 0.86", (110 x 81 x 22mm)
Weight 4oz, (113g)
Status LEDs GPS and Cellular

MOUNTING

- Standard tie-wrap or screw mounting option
- External antenna (GPS/Cellular)

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 cloud-based 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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