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 Modes: GPS, 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
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.