

## commercial vehicle productivity and security

The Contigo 7100 is designed for commercial vehicle applications that require location based services including productivity and security. It is ideally suited for installations in delivery and service fleets, public safety, mass transportation, utility, and construction vehicles.

Fleet management functions include zone and speed monitoring in addition to basic location, archived route logs, and cost effective, high-volume tracking. Using the commercial mobile monitoring portal, any or all vehicles in a fleet may be tracked simultaneously.

Security features include vehicle theft recovery as well as a wired panic button that can be installed anywhere within the vehicle.



## features and benefits

features	benefits
• Single point locate	• Low cost usage as needed
• Continuous tracking	• Provides near real-time moving location for productivity applications, as well as assistance in vehicle recovery
• Route logs	• Archive records of vehicle movements
• Zone notifications	• Receive notifications upon entering or exiting zones defined via the web interface
• Speed notifications	• Receive notifications upon crossing speed thresholds
• Wired panic button	• Alerts appropriate personnel that immediate assistance is required
• Communications via GPRS packet switched wireless data networks	• Provides nationwide coverage on modern digital wireless networks • Provides high-speed, high-volume, cost-effective tracking
• LED status indicators	• Assists with troubleshooting

## specifications

### GPS Receiver

**Channels:** 8 channel, 32 correlator  
**Frequency:** L1 (1575.42 MHz)  
**Accuracy:** 25 meters CEP 50%  
 2 ~ 15 meters DGPS  
**Update rate:** 1 Hz  
**Cold start:** <130 sec (90%)  
**Warm start:** <45 sec (90%)  
**Hot start:** <20 sec (90%)

### GSM Communications

**Bands:** GSM 850/1900 MHz  
**Date rate:** 57.6 Kbps  
**Compliance:** Phase II

### Memory

**Flash:** 256k  
**SRAM:** 128K  
**EEPROM:** 128K

### Power Supply

**Voltage range:** 8 ~ 36 VDC  
**Primary source:** Vehicle battery  
**Memory battery:** 3.5 VDC, Li-Ion (internal)  
**Current draw:**  
*Fully powered:* 3.0 A  
*Stand-by:* 150 mA  
*Sleep:* 75 mA

### Mechanical

**Size:** 5 3/4" x 7 1/4" x 2"  
**Weight:** 900 grams  
**Housing:** Aluminum  
**Operating temp:** -20C ~ +65C  
**Vibration:** >500Hz random, 1.25G rms  
**Humidity:** 5% ~ 95% non-condensing @+40C

### Included Accessories

GPS Antenna  
 Dual band GSM antenna  
 Power cable and wiring harness

### applications of mobile monitoring

- improve productivity of staff
- improve customer service
- prevent misuse of company resources during and after work hours
- recover lost or stolen vehicles
- provide monitored security for drivers

### who is using mobile monitoring

- delivery vans
- electricians/installers
- utility trucks
- emergency response vehicles
- government
- outside sales
- new/used/leased vehicles