



## I725 Specification

### General

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- Communication Modes Packet data and SMS
- Location Technology 56 channel GPS
- Operating Voltage 12 and 24 volt vehicle systems

### GPS

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- Location Technology GPS; GLONASS and QZSS capable
- Enhancement Technology SBAS: WAAS, EGNOS, MSAS
- Tracking Sensitivity -162dBm
- Acquisition Sensitivity -148dBm
- Location Accuracy 2.0m
- Location Update Rate Up to 10 Hz
- Anti-jamming
- AGPS Capable

### Cellular

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- Data Support SMS, GPRS, UDP
- Cellular/PCSFCC—Parts 22, 24; PTCRB, UL, IC
- GPRS Up to class 10
- Quad-Band 850/900/1800/1900 MHz
- Output Power 850 (Class 4)/2W  
900 (Class 4)/2W  
1800 (Class 1)/1W  
1900 (Class 1)/1W
- EHS5 HSPA
- GSM/GPRS/EDGE Dual band GSM 850/1900MHz
- UMTS/HSPA+ Dual band UMTS 850/1900MHz
- HSPA data rates 5.76Mbps upload/7.2 Mbps download

### Comprehensive I/O

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- Digital Inputs Up to 2 fixed bias
- Digital Outputs Up to 2 open collector (150 mA)
- Analog Inputs 1 internal VCC monitor
- Status LEDs GPS and cellular

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## Environmental

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- 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; FCC–Part 15B; Industry Canada
  - RoHS Compliant
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## Electrical

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- Input Voltage 9-32 VDC (startup, operating)  
7-32 VDC (momentary)
  - Power Consumption 2mA @ 12/24V (deep sleep)  
10mA @ 12/24V (radio-active sleep)  
20mA @ 12/24V (idle IP connection open)  
60mA @ 12/24V (active on standby)
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## Physical

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- Dimensions 1.88 x 3.0 x 0.78" (46.6 x 77 x 19.7mm) - without harness
  - Weight 3.5 oz, (99 g) - with harness
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## Connectors, SIM Access

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- Connection Type Captive wire
  - SIM Access Internal
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## Certifications

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- Fully certified FCC, CE, IC, PTCRB, Applicable Carriers
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## Mounting

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- Tie-wrap or adhesive