

GSM Cellular AVL

Powerful vehicle location system in a discrete package

Simply put, the Phoenix GSM from Datalogic International is a phenomenal vehicle location device. This small form factor is jam-packed with features and operates on low-cost GSM/GPRS cellular networks.

Unbeatable GPRS network support

The Quad-band GPRS modem within the Phoenix operates on GSM networks around the world including all the major carriers within North America and Europe. If the device should ever find itself outside of network coverage, it can store its data for days, and in many cases, weeks—and will automatically send the data once it returns to network coverage.

Features

- Compact size
- 12-channel GPS
- Full, 2-way communication
- Over-air configuration
- Data logging / auto sync
- 3 Inputs / 2 Outputs
- Quad-band modem
- 100 internal geofences
- Normal, Standby, Sleep modes
- Excessive speed alert
- Unauthorized move alert
- Trip Begin / End notification
- Configurable report intervals
- Optional backup battery
- Upgradeable firmware
- Optional temperature sensor
- Supports lone-worker devices
- Ignition On/Off reports



Phoenix GSM by

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Phoenix GSM Specs

Radio

- Protocol GSM/GPRS
- Bands 850, 900, 1800, 1900 MHz
- Connector SMA Female

GPS Receiver

- Receiver 12 Channel SIRF Star
- Accuracy 10m, 2D, without SA imposed, 100m, 2D RMS with SA imposed
- Cold Start 45 sec typical TTFF
- Warm Start 38 sec typical TTFF, with current almanac, position and time
- Hot Start 8 sec typical TTFF, with current almanac, position, time, and ephemeris
- Max Blockage up to 30 sec
- Connector SMA Female

General

- Power 10.8-28V DC
- Current Draw 75 mA

Environmental

- Operation Temp -40°C to +70°C
- Storage Temp -50°C to +85°C
- Humidity 95% RH at -40°C
- Shock & Vibration SAE 1455

Dimension

- Size 6 ½ x 3 ¼ x 1 ½ inches

Optional Battery Backup

- Non Rechargeable Lithium
- 5 year shelf life,
- 27 hours if activated