



# GPS Emergency Kit



## Reliable In-Vehicle GPS reception for Police, Fire departments and Emergency Medical Services!



- Minimize response times – all GPS in-vehicle systems are alive and ready to roll at all times
- For Police, Fire departments and Emergency Medical Services
- Proven public safety solutions – reliable and interference free
- Provides 3 m semicircle coverage
- In a robust EMC - aluminum housing



**Solution Offering:**

- L1 active GPS Antenna 3D15A with 35 dB LNA Gain, MIL-designed, 3-24 VDC LNA DC Power (the existing vehicle antenna may also be used)
- GPS repeater GPSRKL1M with integrated antenna and 2 m 9-28 VDC DC IN power cable
- 3 m AuC316 PE Coaxial cable with SMA-female connectors, flame retardant, halogen free
- Mounting bracket can be adjusted H/V to meet installation requirements

**Services Include:**

- On-site installation service by AuCon or Certified Partner
- Site Survey & System Design as well as Verification and Acceptance Testing
- Verification Report and Documentation available on request

## Functional Overview

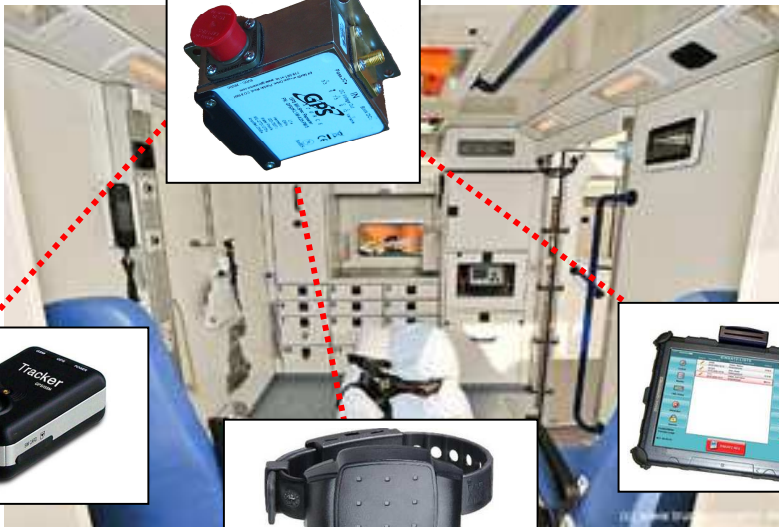
1. The active GPS antenna on the vehicle roof receives the signal



2. A coaxial cable redistributes the GPS signal into the vehicle



3. Installation preparation and retransmission of the GPS signal into the vehicle



The GPSRKL1M repeater supports all in-vehicle mobile GPS devices and PNT (Positioning, Navigation, and Timing) functions, i.e. Tablet PC, Mobile Tracking and Digital Radios offering a reliable GPS retransmission solution.

A continuous monitoring, data logging, and error analysis system is optional through a wired or wireless (BlueTooth) Windows PC-based connection.

AuCon's repeater solutions also bring the GPS signal acquisition within the First Responder's firehouse or parking garage. Accuracy, reliability and rapid acquisition time are important factors that First Responders depend on with GPS. These factors are put into play the moment the dispatch comes to the First Responder and should not be delayed by having to wait until the GPS can "see sky" and get a GPS signal. Where seconds matter, faster is better.

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