



Instant GPS service indoors

Key Features

- Automatic gain limitation
- Oscillation prevention with indicator
- Maximal coverage for CE approved repeater
- Instant GPS fix when moving outdoors
- Full product family with repeaters, amplifiers and splitters



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Emergency stations and depots

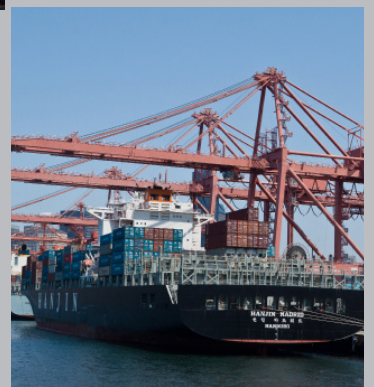


Asset management in control room

Tunnels and traffic stations



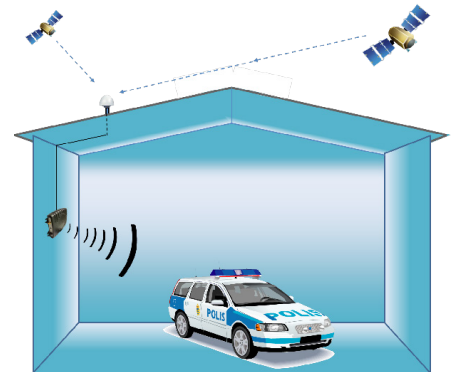
Ships and vessels



How does Roger GPS repeater work?

ROGER GPS repeater operates by receiving GPS satellite signals with an antenna located outside the building and re-radiating the signals to the indoor area or covered space.

Use of re-radiated signals means that GPS receiver is tracking the current GPS status meaning that when a GPS receiver is moved from covered area to outdoors, the receiver is instantly tracking the location instead of time consuming acquisition of GPS data.



Technical information

| | |
|------------------------|-------------------------------|
| Frequency: | GPS L1 (1.57542 GHz) |
| Size: | 110*143*28 mm |
| Weight: | 165 g |
| Overall gain: | > 40 db |
| Adjustable Gain: | 0-40 db |
| Impedance: | 50 Ohm |
| Input connector: | SMA-female |
| Operating temperature: | - 25 - +55 °C |
| Power supply: | +12VDC/300mA |
| Indoor coverage: | upto 50 meters |
| Antenna power output: | + 5 VDC, 100 mA |
| TX Antenna gain: | max. +4dBd, RHCP polarized |

ROGER™ GPS products:

Latest Product information can be found on
<http://www.gps-repeating.com/>

or email us to

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