



## 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



**Emergency stations and depots**

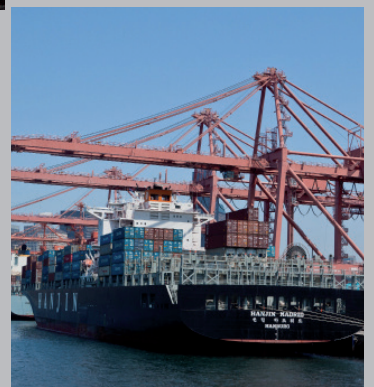


**Asset management in control room**

**Tunnels and traffic stations**



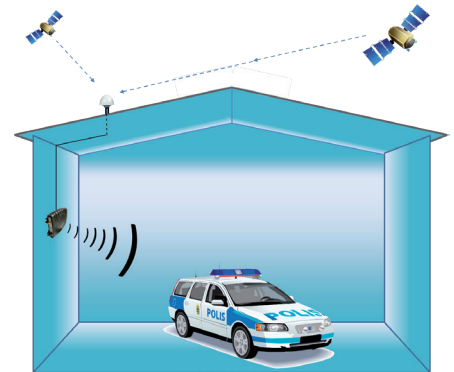
**Ships and vessels**



# 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 - + 60 °C
Power supply:	+12VDC/300mA
Indoor coverage radius:	10 - 18 m
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

[roger@gps-repeating.com](mailto:roger@gps-repeating.com)

**ROGER™**  
GPS repeater

 *Steffe's & Company, LLC.*

Tel: +1 434 660 7411  
Fax: +1 434 483 2367  
E-mail: [info@steffesandco.com](mailto:info@steffesandco.com)