



# Instant GALILEO/GPS/GLONASS/BEIDOU service indoors GNSS-L1G1GA

## Key Features

- Automatic gain limitation
- Oscillation prevention with indicator
- Maximal coverage for CE approved repeater
- Sustaining GPS L1/GALILEO E1/GLONASS G1/BEIDOU B1 fix when moving from indoors to outdoors
- Full product family with repeaters, amplifiers and splitters



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**Emergency  
stations and  
depots**

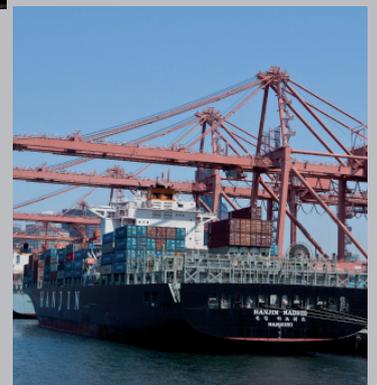


**Asset management  
in control room**

**Tunnels and traffic  
stations**



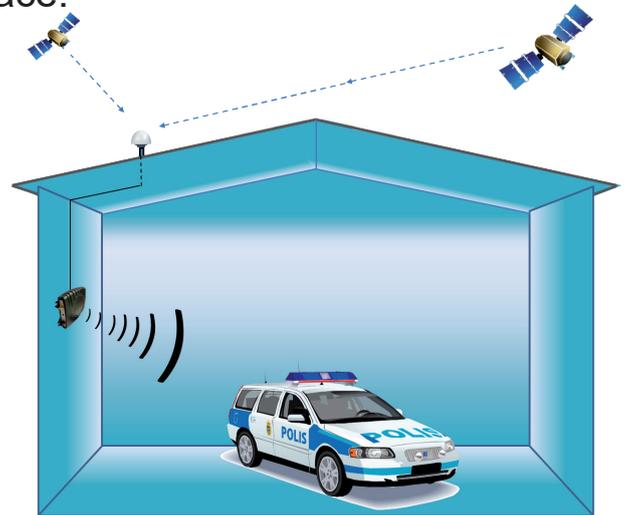
**Ships and vessels**



# How does Roger repeater work?

ROGER GALILEO/GPS/GLONASS/BEIDOU repeater operates by receiving 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 indoors means that GALILEO/GPS/GLONASS/BEIDOU receiver is tracking the current status and signal from the satellites. When a GALILEO/GPS/GLONASS/BEIDOU receiver is moved from covered area to outdoors and vice versa, the receiver is instantly tracking the location instead of time consuming acquisition.



## Technical information

Frequency:	GALILEO E1 (1.57542 GHz) GPS L1 (1.57542 GHz) GLONASS G1 (1.602 GHz) BEIDOU B1 (1.5611 GHz)
Size:	110*143*28 mm
Casing:	IP40
Weight:	165 g
Overall gain:	> 40 db
Adjustable Gain:	0-40 db
Impedance:	50 Ohm
Input connector:	SMA-female
Operating temperature:	- 25 - +55 °C
Current consumption:	300mA
DC input:	12 VDC
Indoor coverage:	upto 50 meters
Antenna power output:	+ 5 VDC, 100 mA
TX Antenna gain:	max. +4dBd, RHCP polarized
Cover color	Black

## ROGER™ GNSS products:

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

or email us to

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