



Instant GALILEO/GPS/GLONASS/BEIDOU service indoors GNSS-L1G1GA-IP67

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**

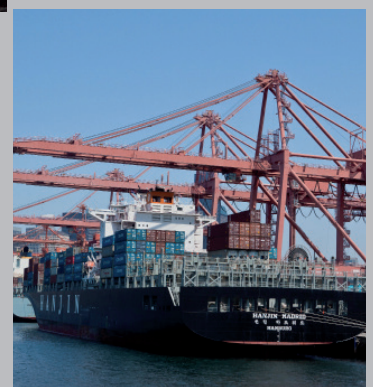


**Asset management
in control room**

**Tunnels and traffic
stations**



Ships and vessels

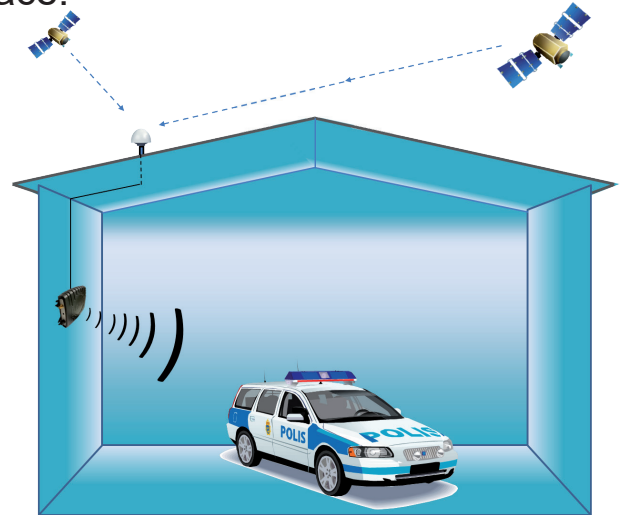


Read more about our solutions from www.gps-repeating.com

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:

200*89*39 mm

Casing:

IP67

Weight:

290 g

Overall gain:

> 40 db

Adjustable Gain:

0-40 db

Impedance:

50 Ohm

Input connector:

TNC-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



ROGER™ GNSS products:

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

or email us to

roger@gps-repeating.com

