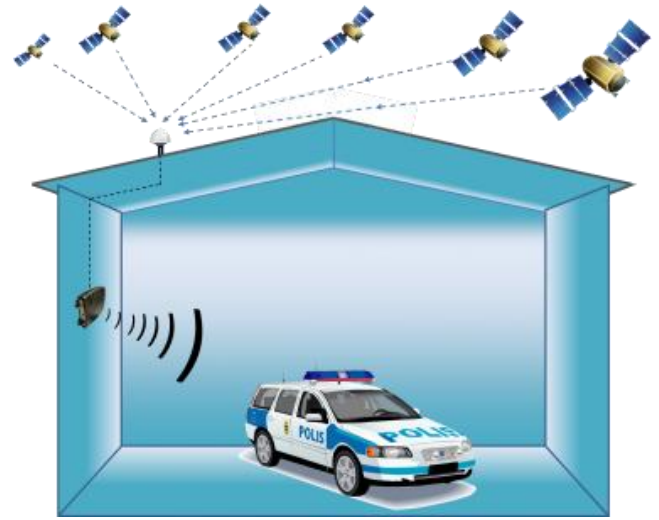


GNSS REPEATER: GNSS-L1G1GA



ROGER GALILEO/GPS/GLONASS/BEIDOU repeater operates by receiving satellite signals with an antenna located outside the building and reradiating 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.

✓ **Key Features**

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

✓ **Technical Information**

Frequency:	GPS L1 (1.57542 GHz)	GLONASS G1 (1.602 GHz)	GALILEO E1 (1.57542 GHz)	BEIDOU B1 (1.5611 GHz)
Size:	110 x 143 x 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:	up to 50 meters
Antenna Power Output:	+ 5 VDC, 100 mA
TX Antenna Gain:	max. +4dBd, RHCP polarized