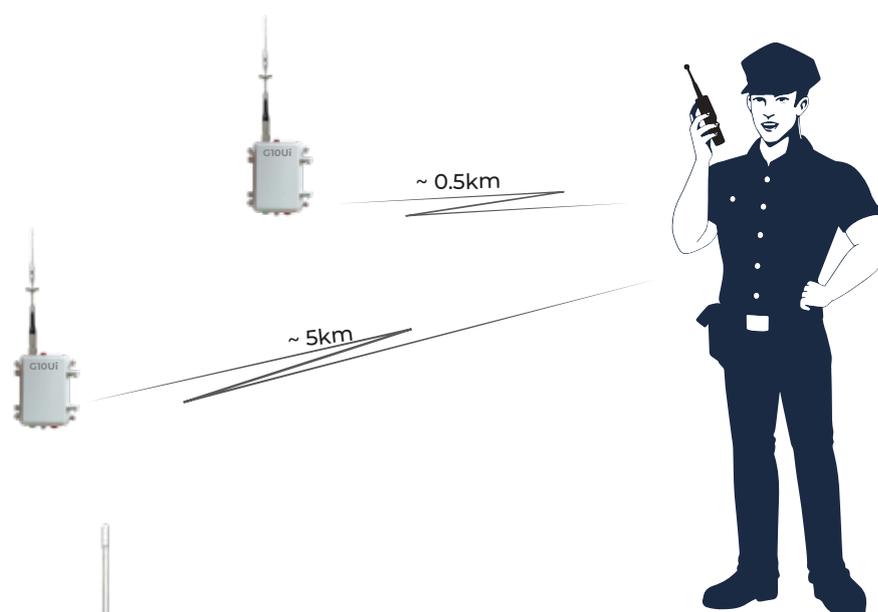




LONG-RANGE WIRELESS DRR EXTENDER



Receiver



Transmitter (G5Ui Radio)

The Sanchar **DRR Extender** is the ideal solution for any application where a signal Extender is needed to carry the signal out of the range of handheld where the normal signal extender or any repeaters are not feasible to use.



The Sanchar wireless DRR Extender eliminates wiring, thus reducing installation costs. It allows personnel to use a portable radio handset to transmit live voice messages directly to the transceiver from any distance away. The system works over encoded license free frequencies that restrict. This ensures that only authorized people have access to the DRR Extender. This signal Extender re-transmits the signal that it receives from any handheld or other DRR Extender. The redundancy is possible using this device.

PRODUCT FEATURES:

- No Extensive Wiring.
- PC and Field Programmable.
- Improves Communication, Safety/Security and Productivity.
- Industrial grade receiver, lightweight, rugged, sealed weather-resistant housing.
- Rechargeable back-up battery automatically provides power to the receiver in case of power failure.

PRODUCT BENEFITS:

- Installs practically anywhere.
- Virtually unlimited coverage range.
- Reduced installation cost.

UNIT TECHNICAL SPECIFICATION: (G10Ui)

Frequency Range of Transceiver	License Free 446 - 446.2 MHz (UHF)	Frequency Stability	± 1 PPM
Operating Temperature	-10~ +55°C	Antenna Impedance	50 Ω
Operating Voltage	DC 12-15V	Sensitivity	0.22μV
Modulation limit	≤ 5kHz	Inter Modulation Reject Ratio	65 dB
Residual FM	-45 dB	Spurious Response Reject Ratio	70 dB
Spurious Hand Harmonics	≤ - 36 dBm(1 ≤ GHz)	Rated Audio Power Output	≤ 800 mW
	≤ - 30 dBm(> GHz)	Weight (with Battery)	Less than 2kg
		Battery	8.7Ah, 14.8V

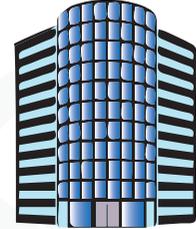
APPLICATIONS:



Fire Drills



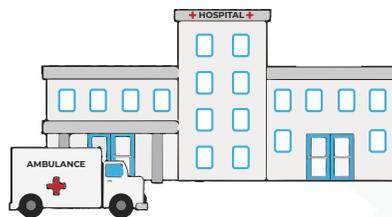
School



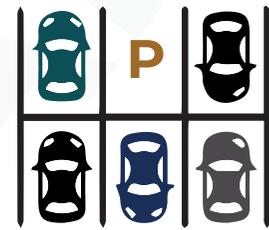
Office Buildings



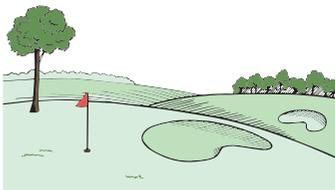
Hotels



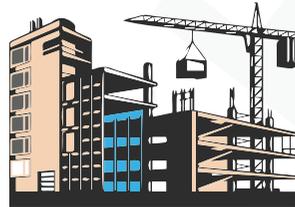
Hospitals



Parking Lots



Golf Course



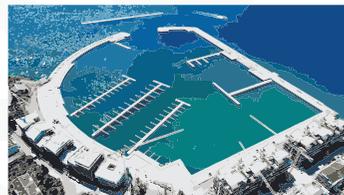
Construction Sites



Emergency Evacuation



Airports



Marinas



Warehouses



Public
Transportation Hubs



Industrial
Manufacturing Plants



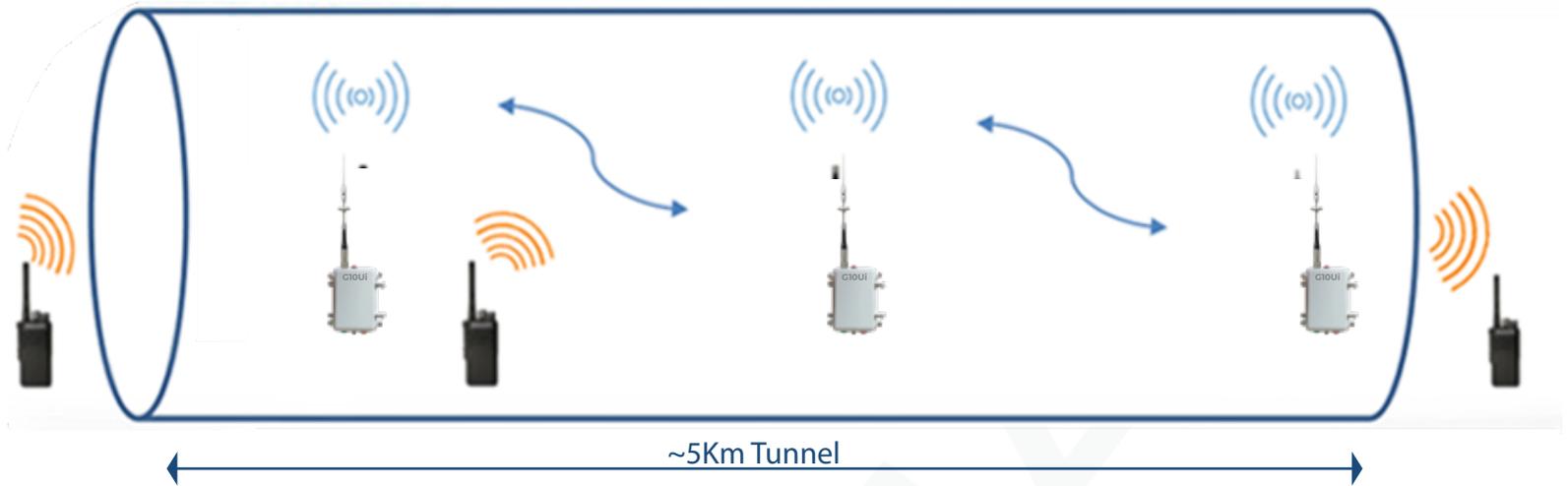
Special Events
or Sporting Events



Hilly Areas

This long range DRR Extender has applications for schools, hotels, factories, office buildings, hospitals, airports, marinas, country clubs, warehouses, lumber yards, salvage yards, boat yards, rental yards, parking lots, construction sites, amusement parks, golf courses, special events, sporting events, and lots of other uses.

FOR TUNNEL COMMUNICATION:



FEATURES:



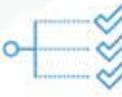
Self-Healing & Fault Tolerant



Robust & Resilient Technology



Differentiate from Your Competition



Multiple Path Validation



Low Reliance on Public Infrastructure

Marketed: Dealer/Distributor