



G5Ui-DRR

ETA-SD-20211007448



The Sanchar G5Ui-DRR is the ideal solution for any application where a hard-wired G5Ui-DRR is unmanageable or too expensive to route wire between the desired locations or if the application is temporary.

The Sanchar wireless G5Ui-DRR 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. You can use a dedicated communications channel between the Wireless G5Ui-DRR and another one between the radios or intercoms that are contacting it. That enables you to use your radios or intercoms for normal communications without broadcasting over the G5Ui-DRR.

PRODUCT FEATURES:

- No Extensive Wiring.
- PC and Field Programmable.
- Compatible with solar system for self sustained operation.
- Improves Communication, Safety/Security and Productivity.
- Easy “Add-On” to Existing Radio Systems to increase coverage.
- Can be configured for Multiple Zones for different announcements.
- Industrial grade receiver, lightweight, rugged, sealed weather-resistant housing.
- Rechargeable back-up battery automatically provides power to the receiver in case of power failure, Enables an additional 8 hours of communication.

PRODUCT BENEFITS:

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

UNIT TECHNICAL SPECIFICATION:

Frequency Range of Transceiver	License Free 446 - 446.2 MHz	Frequency Stability	± 1 PPM
Operating Temperature	-10~ +55°C	Antenna Impedance	50Ω
Operating Voltage	DC 12V	Battery	10Ah
Modulation limit	≤ 5kHz	Sensitivity	0.22μ V
Residual FM	-45 dB	Inter Modulation Reject Ratio	65 dB
Spurious Hand Harmonies	≤ - 36 dBm(1 ≤ GHz) ≤ - 30 dBm(> GHz)	Spurious Response Reject Ratio	70 dB
RF Power	0.5W (ERP)	Rated Audio Power Output	≤800 mW
		Weight (with Antenna & Battery)	Less than 2kg

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**



Sporting Events

This long range G5Ui-DRR 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:



Marketed: Dealer/Distributor

DIAMOND ANTENNA PVT LTD.

**3/93, 3RD FLOOR, LALITA PARK,
LAXMI NAGAR, DELHI-110092**