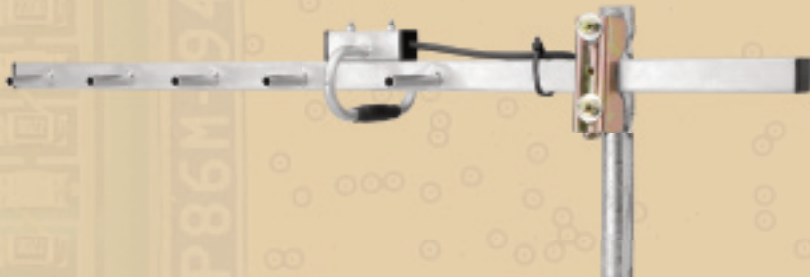


SED-485

secure wireless communications



The SED-485 Data allows a RS-485 two wire LAN connection to be transferred and received on a 900MHz low power, encrypted, point to point link, up to 900m away (Line of sight).

The SED-485 Data, has been designed to operate such products as GE (Challenger™) panels.



SED-485 DATA

SPECIFICATIONS



GENERAL SPECIFICATION

The SED-485 Data is a real time wireless system that allows a high speed 2 wire RS-485 connection to run, over a secure 900MHz low power wireless link.

The SED-485 Data is housed in a tough metal enclosure that allows it to be installed in a secure area, whereby the antenna can be located externally, the product comes complete with its own power supply and battery charging facility to support battery back up, with the ability to operate on 16vac or 12v dc.

The unit has the ability to indicate the following:

- RF signal strength
- Tx
- Rx
- Power indication - AC and battery charging

TECHNICAL SPECIFICATIONS

- Range - 900 metres line of site
- External antennas (supplied with units) with 7m of RG-59U coax cable
- Output power on RF module - 1 watt
- Encryption is point to point unique key encryption per pair (factory set)
- Current draw at 12v DC when transmitting 250 mA
- RS-485 LAN connection requires Tx, Rx & gnd reference
- Box dimensions: 240mm x 250mm x 80mm

OPERATIONAL FREQUENCY

- Australian Model: 915MHz to 928MHz
- New Zealand Model: 921MHz to 928MHz

SYSTEM REQUIREMENTS

- The SED-485 comes complete with a 16 vac plug pack and requires a 12v 7 amp back up battery or 12v filtered DC connection greater than 240ma



CONNECTIVITY GUIDE

