

# GENII RADIO DATA LOGGING SYSTEMS

**Eltek**  
SPECIALIST  
DATA LOGGERS

## RX250DAC8 or RX250DAC16 Receiver/logger with analogue outputs

Easy to use customised data loggers

RX250DAC8 and RX250DAC16 are versions of the RX250AL receiver logger providing analogue outputs (0-5VDC) for the first 8 or 16 input channels of the RX250AL. This option enables integration of the GenII radio logger system with BMS or Control systems.

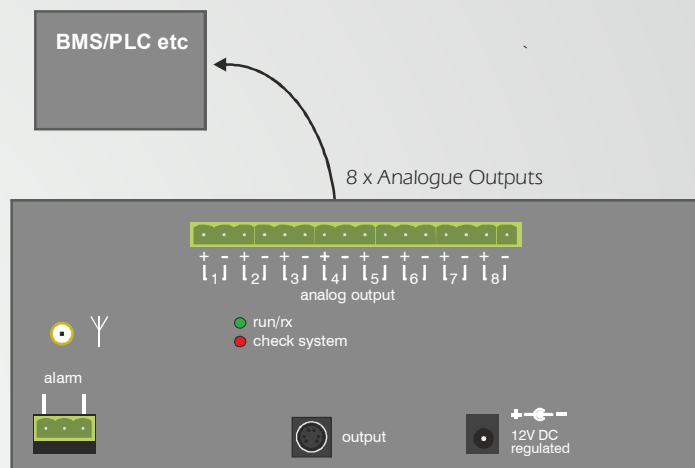
### RX250DAC8 and RX250DAC16 Features



- Full functionality of RX250AL, including datalogging and metering features.
- Provides low cost wireless connected sensor outputs for use with, for instance BMS and control systems
- 12 bit resolution for high accuracy
- Uses high quality screw cage terminals for easy connection.
- Transmitter input e.g. -50 to +150°C presented as 0-5VDC.
- Full battery backup
- 250 channel system capability - with first 8 or 16 channels providing analogue outputs.
- Easy system design and installation
- Suitable for permanent and temporary installations

### RX250DAC8 and RX250DAC16 summary specifications

- RX250DAC8 - Channels 1-8 of the RX250AL presented as analogue outputs
- RX250DAC16 - Channels 1-16 of the RX250AL presented as analogue outputs
- Case size: D 85mm x W 180mm x H 120mm
- Output is 0-5VDC corresponding to the full scale input of the transmitter
- Output accuracy is 0.1%
- Load: not less than 100Ω, total current 100mA maximum for all terminated outputs.
- Outputs presented as a common ground pair
- Each output is held constant and refreshed dependant upon the RX250AL sample rate and transmitter interval.
- Note: Not suitable for Eltek Pulse/Event transmitters.
- Note: If a transmitter packet fails the alarm circuit will respond as required and the value at the analogue output will be held at the last valid value received.



RX250DAC8 Connection panel



**Guarantee** Equipment manufactured by Eltek is guaranteed against faulty materials or workmanship for three years. For repairs carried out under guarantee, no charge is made for labour, materials or return carriage.



**Eltek**

Specialist Data Loggers  
Eltek Ltd, 35 Barton Road, Haslingfield  
Cambridge, CB3 7LL, England  
Tel: +44 (0) 1223 872111  
Fax: +44 (0) 1223 872521  
email: sales@eltekdataloggers.co.uk  
http://www.eltekdataloggers.co.uk