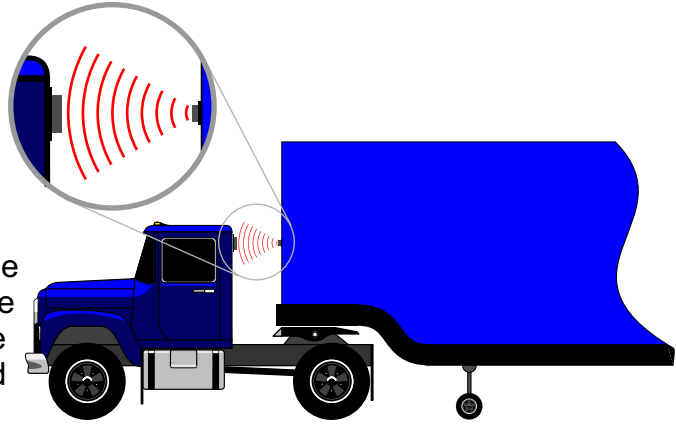


TRUCK AND TRAILER MONITORING:

Many companies already track their fleet using a combination of GPS positioning and GSM mobile communications. A **R-IDENT** transmitter fitted to each trailer can extend this tracking in two important ways:

- The transmitters unique code number is passed to the GPS/GSM system by a **R-IDENT** RX1 receiver. The identity of the trailer can be passed on with the truck details and position. Upon disconnecting the trailer the tractor mounted receiver will lose contact with the transmitter and at that point advise the GPS/GSM system, therefore enabling the last position of the trailer to be calculated and logged.
- The transmitter's general purpose inputs can be used to monitor the trailer and its contents; Door switches, temperature alarms, and smoke detectors for example could all be connected and monitored. The state of the inputs is passed to the receiver along with the transmitters code number. The truck's operators could know within minutes which trailer has a problem and exactly where it is located.



Installation is simple. The transmitter is battery powered and completely sealed. It can be permanently fixed to any convenient point on the trailer. The receiver can be run from 8 to 40 volts and connects to the GPS/GSM system by a single communication cable.

The low cost of ownership and ease of installation ensure a rapid return on investment.

R-IDENT TX1A, TX2A or TX3A

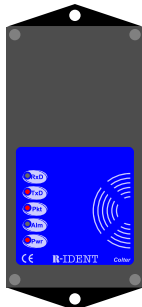
Transmitters



| | |
|------------------------|--|
| RF Characteristics: | Low power 433MHz (license exempt in the UK and Europe) |
| Battery Life: | Typically 8 years, non-replaceable |
| Operating Temperature: | -20°C to +85°C |
| Weight: | 175g (internal aerial), 240g (external aerial) |
| Dimensions: | 63.5mm wide, 122mm high, 28.5mm deep |
| Ingress Protection: | I.P. 68 |

R-IDENT RX1A

Short range receiver



| | |
|------------------------|--|
| RF characteristics: | Low power 433MHz (license exempt in the UK and Europe) |
| Read range: | 10 Metres |
| Operating temperature: | -20°C to +85°C |
| Weight: | 550g |
| Dimensions: | 76mm wide, 176mm high, 47.5mm deep |
| Ingress protection: | I.P. 67 |
| Power supply: | 8 - 40Vdc (25mA @ 24Vdc) |
| Host communications: | RS232, Baud rate: 9600, Parity: none, Stop bits: 1 |



COLTER GROUP

COLTER PRODUCTS LTD

UNIT 7, ZONE C, CHELMSFORD ROAD INDUSTRIAL ESTATE DUNMOW, ESSEX, CM6 1HD

Tel: +44 (0) 1371 876887

Fax: +44 (0) 1371 875638

e-mail: sales@coltergroup.co.uk

web: www.coltergroup.co.uk

© Copyright 2002