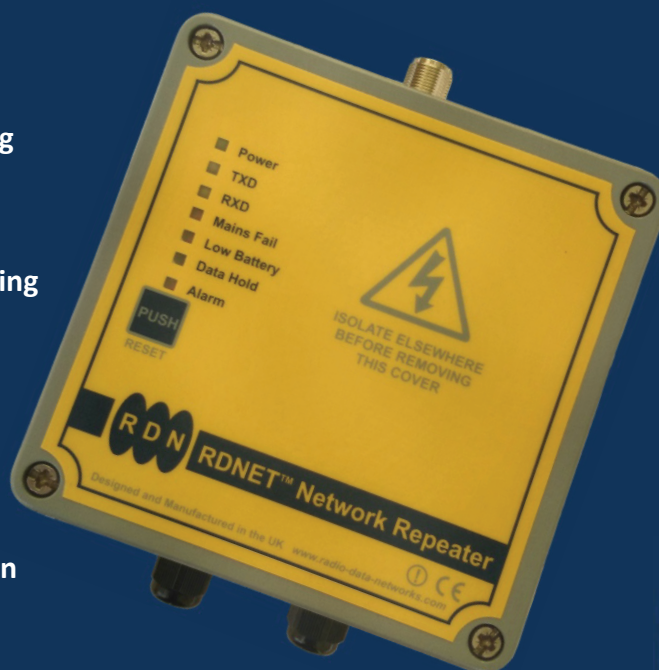


**Network
Repeater**

Wide Area Network Repeater

Fixed Network Sewer Monitoring
CSO Monitoring Networks
Industrial Temperature Monitoring
Pollution Monitoring Networks
Wide Area AMR
Daisy Chained Networks
Frequency & Protocol Conversion
Remote Flood Warning Systems

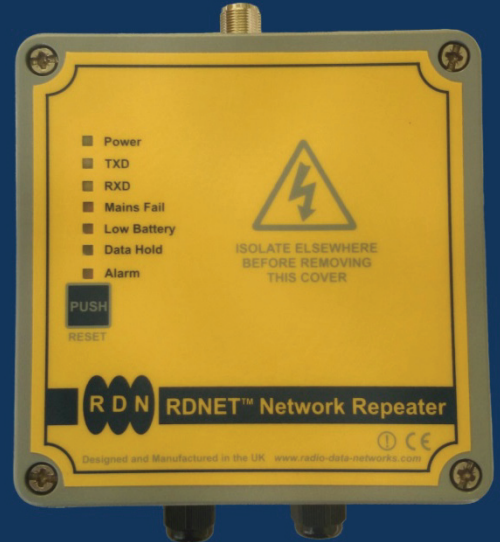




Wide Area Network Repeater

Wide Area Network Repeater

The Network Repeater is a device capable of extending the coverage of a sewer monitoring, sub-metering, CSO monitoring and/or temperature monitoring network over many tens of square km. It can be supplied with a single or dual antenna ports permitting signals to be gathered from and/or focused to a particular direction for the creation of daisy chained networks. It can also be configured to translate protocols and to receive on one frequency and then to re-broadcast on another. The latter function is of great use when combining legacy low power radio systems with Band II licenced ones. The repeater also includes a 240V power supply with battery backup and a solar charger option.



Typical Applications:

- Wide area AMR
- Remote Monitoring Systems
- Industrial Monitoring Networks
- Mixed Sensor Wide Area Networks
- Blocked Sewer Monitoring Networks
- Frequency & Protocol Translation



Key Features:

- Flexible configuration options
- Single point of daisy chain mode
- Memory to prevent multiple repeating of same message when more than one repeater used
- Integrated mains and solar power supplies with battery backup
- Single or dual N-type antenna ports
- Band II, VHF low power radio or ERMES 169MHz
- CE, EN300-220, R&TTE, EN60950 compliant
- Tough die-cast box with status LEDs sealed to IP65

- Remote Asset Monitoring
- Radio Telemetry
- Environmental Monitoring
- Energy & Water Sub-Metering
- Water Quality Monitoring
- Sewer & CSO Monitoring
- SCADA & Pump Control
- Temperature & Humidity

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