

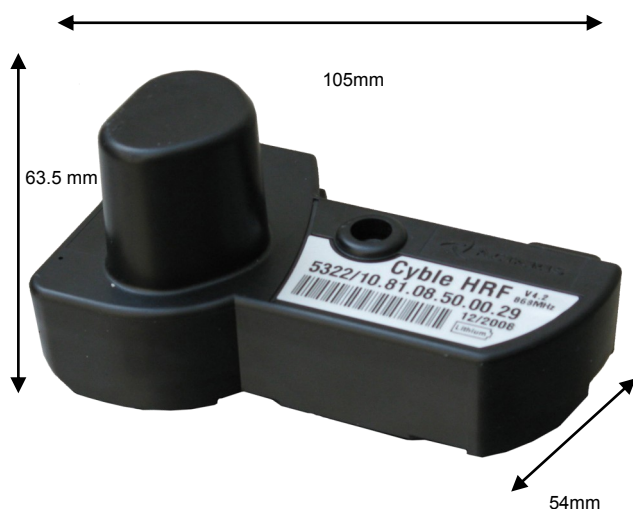
HOMERIDER SYSTEMS

Cyble HRF (v2) Water Trak®/Warm

Bidirectional, compact, remote automatic meter reading radio module (fixed network or Walk by/ Drive by) that can interface with the range of Itron hot and cold water meters, pre-equipped with a cyble target register, 15 to 500 mm.

Designed to transmit raw or calculated meter data, read in a cyclic manner or on demand, to a receptor and then to an information system (for example index, back flow, continuous flow).

As well as reading the meter index, the Cyble HRF proposes numerous other intelligent functions that brings further added value customer services and allows management /maintenance programs to be put in place.



TECHNICAL SPECIFICATIONS

Mechanical specifications

Dimensions: w x h x d - 105 x 63.5 x 54 mm
Weight: 133 g
Casing: ABS
Colour: Black
Electronics & battery set in resin

Power supply

Lithium battery
Battery life: typically 10 years, depending upon the application

Radio specifications

Radio characteristics: 868 Mhz
Sensitivity: -105 dBm
Radiated power (eirp): 12 dBm +/- dBm

Environment

Function: min -20°C / max +55°C
Storage: min -20°C / max +70°C
Protection rating: IP68

Network functions

Frequency of statistical data upload can be set by parameter from 2 to 24 times per day (twice per day by default at factory exit)
Compatible with Repeater, C@ll Rider®, C@ll Rider® Plus ou C@ll Rider® 100

Specific functions

- Electronic index, current and dated
- Consumption records for last 24 hours (by steps of 5mins)
- Active alarm status (magnetic fraud or removal, continuous flow, back flow, low battery) and historical data in WB/DB mode
- Maximum and minimum debit
- Cumulative negative volume and the number of negative/positive flow direction switches observed
- Debit at the moment of the frame transmission (amongst 11 application references)
- Duration and maximum value of constant flow
- Consumption histogram

Method of fixation

Fixed to meter by means of screw

Recycling

RoHS compatible

Norms

CE
Radio frequency norms: EN 300-220-2 V2 1.1
EMC norms: EN 301-489-1 V1.8.1 EN 301489-3 V1.4.1

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