



AnyQuest Cyble Basic

Radio Module for Remote Water Meter Reading

AnyQuest Cyble has been designed to fulfill requirements of all water management utilities willing to remote read their water meters by radio in a mobile AMR.

FEATURES AND BENEFITS

- » Ease of Installation
- » Advanced Functions
- » Consistent Reliability

Benefits of Wireless Solution

- » Automatic radio meter reading increases the reading reliability and significantly enhances the data acquisition speed.
- » The radio reading also opens accessibility to all meters even if the customer is absent or in hard to read locations.

AnyQuest Cyble Working Technologies

- » The Itron patented and proven Cyble technology guarantees the transmitted index reliability.

Ease of Installation

The AnyQuest Cyble is compatible with all Itron water meters (from 15 to 500 mm) equipped with a Cyble target register.

This compact module can be easily fixed directly on the meter, without requiring any wiring nor wall mounting.

It can be shipped from the factory already mounted (and configured) on to the meter.

It can be quickly retrofitted to meters installed in the field without breaking any seals.

Advanced Functions

In addition to the index reading, AnyQuest Cyble Basic also provides powerful smart functions, adding value for your customers:

- » 13 Monthly index fix date readings
- » Leakage detection recording 13 months of leakage history
- » Backflow index and 13 monthly alarms
- » End of battery lifetime indicator
- » Tampering alarms

Consistent Reliability

- » The Cyble concept ensures the perfect correlation between the meter register and the internal electronic index (taking accidental backflows into account).
- » The module is encapsulated and potted for protection from harsh environment and water immersion effects.
- » Best in class radio design give greatest reading distance even under very difficult conditions

Technical Specifications

Radio Frequency Features

Protocol	RADIAN
Modulation	Frequency Shift Keying
Frequency carrier	433,82 MHz
Radiated power	≤ 10 mW
Transmission	Symmetrical 2-way communication
Line of sight reading distance (LOS)	> 1500m

Functional Specifications

Dimensions	92 x 57 x 50 mm
Power source	Lithium batteries
Battery lifetime (min)*	15 years
Case protection	IP68
Relative humidity	0 to 100% - submersible
Operating temperature **	-10°C / +55°C***
Accidental temperature	-20°C / +70°C
Conformity	CE certified, in accordance with the European R&TTE directive (1999/5/EC)

* Under normal applications within the specified reference operating conditions.

** High Temperature (HT) version also available on request.

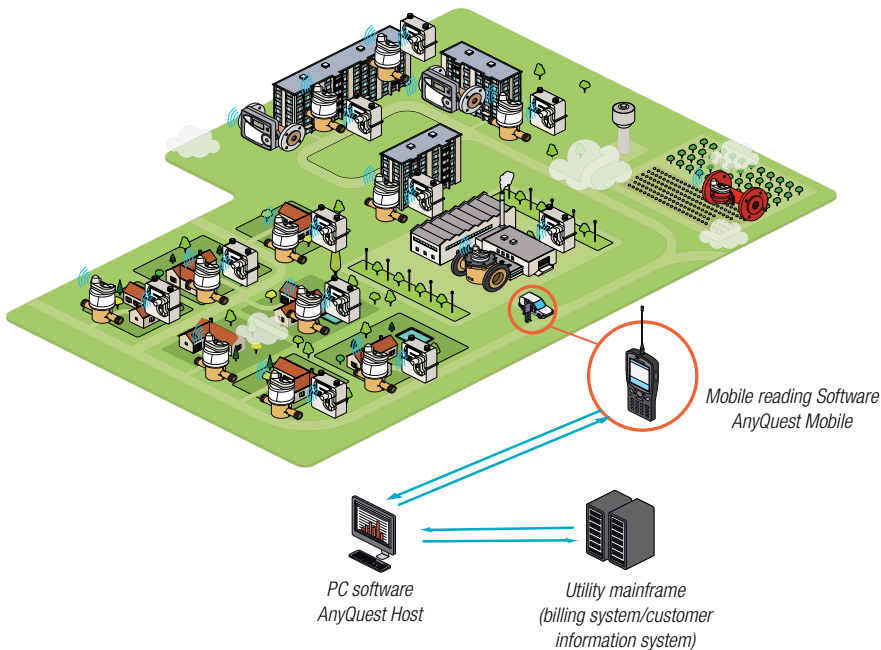
*** Operation: +5°C to +35°C / Storage: +5°C to +35°C / Transport: Min. -20°C (< 24 hours continuous), Max. +70°C (< 24 hours continuous) / Min. operational temperature: -10°C (< 15 days/years) / Max. operational temperature: +55°C (< 15 days/years).



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APPLICATION

The AnyQuest Cyble is suited to various applications for residential, commercial and industrial uses.



AnyQuest Cyble fitted on Commercial and Industrial water meter



Our company is the world's leading provider of smart metering, data collection and utility software systems, with over 8,000 utilities worldwide relying on our technology to optimize the delivery and use of energy and water.

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