MLX MeterLogix
The point of use solution

MeterLogix POU System Technical Specifications

i-meter™ Characteristics

Maximum Flow Rate for Continuous Duty	8.0 gpm
Nominal Flow Range	.25 to 8 gpm
Minimum Flow	.10 gpm
Maximum Working Pressure	150 psi
Maximum Working Temperature	180° F
Pressure Drop	.75 PSI @ 2 gpm
Meets AWWA Accuracy Requirements	+/- 1.5% at nominal flow
Typical Pipe Size	1/2"
Weight	2 oz.
i-meter™ Life	20 years

i-meter™ Materials

Meter Body and Components	Engineered Plastic (Noryl®), Stainless Steel Shaft, FDA Approved Silicone Washer

Meter Interface Card (MIC)

i-meter™ Connections	Up to 8 *i-meter*™*s*
Battery Type	CR123A (Replaceable)
Battery Life	8 years
Dimensions	3" x 2" x 3/4"
Operating Temperature	- 4° F to + 135° F
Storage Temperature	- 40° F to + 160° F
AMR Wireless Interface	Industry Standard Pulse Output: 10 ms @ 3 VDC

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We Can Do What The Others Cannot

MeterLogix offers Point of Use (POU) water submetering solutions designed to address those properties that cannot typically be submetered by conventional means due to plumbing designs that bring multiple pipes into a multifamily unit.

Specific Benefits of the MeterLogix Solution Include:

- Low profile installation
- Reliable engineered technology
- Compatible with leading Automatic Meter Reading (AMR) equipment
- Designed for new or existing multifamily construction
- Lowest cost solution on the market

System Overview :

The Meter Interface Card (MIC) measures water usage as counted by up to 8 attached *i-meter*™*s*.

An individual apartment may have any number of interface cards. (Two is typical.)

Usage is transmitted wirelessly to the apartment building "Head End" computer.

The "Head End" computer forwards the usage measurement to the billing center.

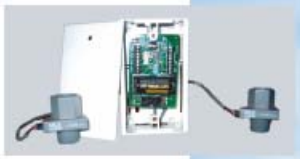
Individual water bills are sent to each apartment.

Standard Output:

The MeterLogix solution has a standard industry pulse output compatible with all leading AMR equipment.

Ease of Install:

The *i-meter*™ has standard 1/2" pipe threads that minimizes adaptors.



Low Profile Sink Install:

Both the MIC and the wireless transmitter are placed into a low profile surface mount box located out of view inside the bathroom or kitchen vanity.

Low Profile Toilet Install:

A toilet adaptor allows the *i-meter*™ to be installed under the tank and out of sight.

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