



# M<sup>2</sup> Water Meter Radio Transmitter

RADIO



The M<sup>2</sup> Water Meter Radio Transmitter offers utilities a high-performance, cost-effective radio read system. The M<sup>2</sup> offers scalability from mobile-to-fixed, universal meter compatibility in a single unit and the industry's best RF-based datalogging.

## Radio Features

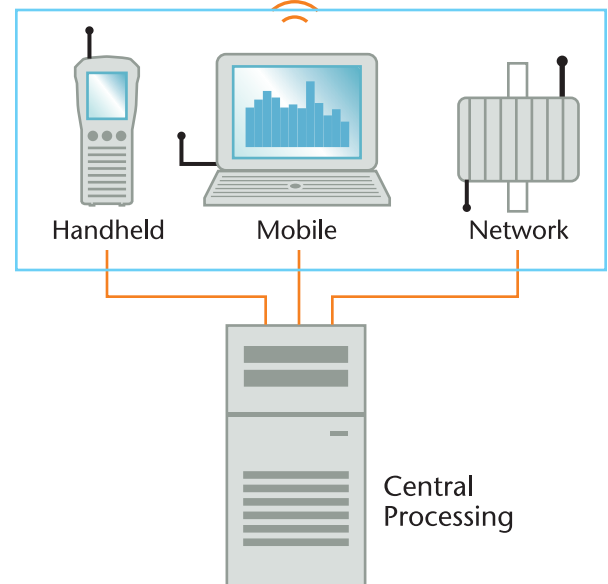
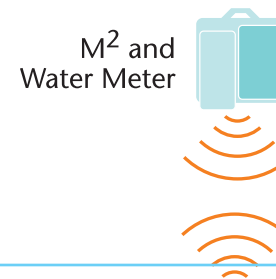
- High performance two-way Spread Spectrum-type RF transmission
- Single unit for indoor or outdoor installations with no special provisions to maintain FCC compliance
- 20-year warranted battery life
- Deployable for mobile or networked systems
- Configurable leak detection, conservation compliance, backflow and zero usage functions
- 100% environmentally protected with UV polycarbonate shell and waterproofed with self-healing dielectric gel

## Meter Compatibility

- Compatibility with all encoders, switch and pulse generator registers
- Single, configurable unit for all registers
- Simple, defacto-standard, 3-wire interface

## Data Functions

- All radio configuration and datalogging can be performed local or remote via the RF channel
- Leak detection – Configurable to adapt to residential or commercial accounts and resolution of register
- Conservation – High usage trigger and interval configurable to adapt to residential or commercial accounts for virtually any restriction schedule
- Backflow – Configurable for meter size and register resolution
- Zero Usage – Configurable for duration
- Datalogging – Configurable for log interval, from 5 minutes (1 month storage) to 1 hour (21 month storage)



## Specifications

Frequency:	900 Mhz ISM band
FCC compliance:	Part 15.247 (unlicensed)
Temperature:	-40F to 158F (-40C to +70C)
Humidity:	100% / Fully Submersible
Battery:	Replaceable 19.0Ah D-Cell
Dimensions:	4.3W x 4.8H x 2.0D inches 110W x 123H x 52D mm
Weight:	1.15 lb (0.52 kg)