



## UtiliWise<sup>®</sup> Load Control Endpoint Communications Module

### UtiliWise<sup>®</sup> ECM-LC

The Metrum Utiliwise<sup>®</sup> Load Control ECM is Metrum Technologies' standalone public wireless network based demand response/load control solution. It is designed to control up to 2 HVAC loads or single high-power load such as a water heater or pool pump.

Mounted in a NEMA 3R enclosure and ETL certified to UL specifications, the ECM-LC enables easy and dependable standalone load control utilizing the existing CDMA/1xRTT public network with Metrum's pass-through communication technology and the utility's existing head-end software.

The UtiliWise<sup>®</sup> ECM-LC features advanced HVAC control algorithms with adaptive controls as well as distributed intelligence for broadcast solutions. It also features local override and power measurement providing customer interaction and data on the load under control including the measurement of voltage, current, power factor, VA, KW, and WH sub-metering for the load.



### Specifications:

#### Load Control Relays

3 Relays – 30A (1) and 1A (2)

#### AC Voltage

110V to 240V

#### Operating Temperature

-30 to 70 degrees C

#### ETL Certification

UL50 and UL916 Specifications

#### Firmware

Supports Many of the Standard Demand Response/Load Control Protocols

#### Communications

CDMA 1xRTT – Static IP, Private IP

#### Data Transmission

Up to 153Kbps

#### Antenna

Internal Dual Band

### Pass-Through Communications

Head-End Demand Response/Load Control Software Can Communicate Directly to the Metrum ECM-LC.