



AEON LABS – MICRO SMART ENERGY ILLUMINATOR

(Z-Wave Micro Dimmer Module with Energy Metering Capabilities)

Product Overview:

The Aeon Labs Smart Energy Dimmer Micro is a low-cost Z-Wave light dimmer specifically used to enable Z-Wave command and control (on/off/dim) for existing in-wall dimmers. It can also report immediate wattage consumption or kWh energy usage over a period of time.

The wireless module is powered from the mains supply and is a three-wire design which requires a neutral connection. In the event of power failure, non-volatile memory retains all programmed information relating to the units operating status.

The wireless protocol is based Z-Wave which provide a mesh network for commands to hop from node to node for reliability.

Product Highlights:

- Low-cost Z-Wave energy meter and on/off/dim lighting dimmer
- On/Off/Dim control via Z-Wave, manual Wall Dimmer and/or built-in button
- Small form factor that fit in most gang boxes worldwide
- Latest Z-Wave protocol and commands
- 3-Wire installation
- Optimized antenna range
- Certifications: FCC, cUL, CE, ROHS

Technical Specifications:

- Input: 110V 60Hz to 230V 50Hz input
- Output: 2.5A maximum output
- Radio frequency: 908.42Mhz (US), 868.42MHz (EU)
- Transmitting Power: 0 dBm
- Range: 15 meters
- Control Function: triac
- Status Indicator: LED
- Operating Temperature: 0-70 Celcius
- Max Operating Humidity: 95%
- Dimensions: (52x49x18.5mm)

Contact Information:

William Li
Director of Business Development
Email: wli@aeon-labs.com
Mobile: 1 (408) 833-8597

Aeon Labs - USA
121 Buckingham Dr. STE 36
Santa Clara, CA 95051
www.aeon-labs.com