

Input/Output Module

Self-Installable Remote Sensing & Control for Low-Power Devices

Advantages

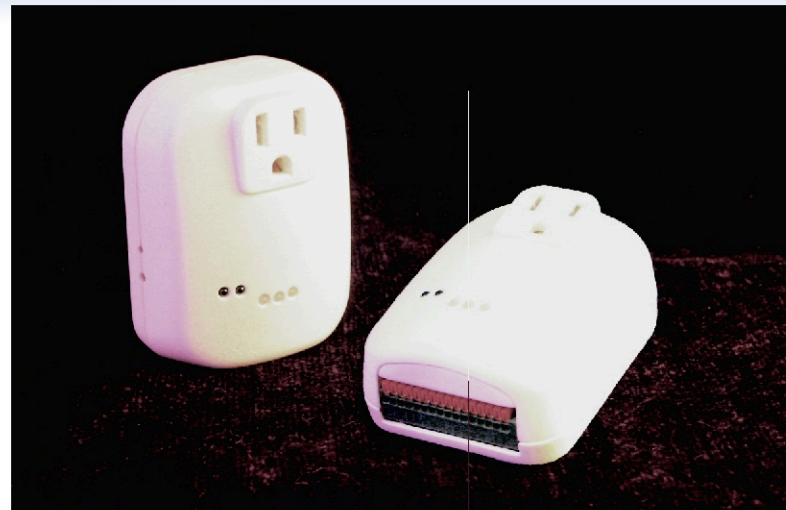
- **Simple plug-in installation**
- **No new wires**
 - ▶ Communicates over existing AC power lines
- **UPB technology delivers...**
 - ▶ Exceptional reliability and noise immunity
 - ▶ Lowest installed cost compared to hardwired and RF solutions
 - ▶ No interference between adjacent homes
- **Easily reconfigurable - change control strategy without rewiring**

Product Description

Model UMI is a plug-in module designed to identify and transmit the status of low voltage inputs and contact closures, and to control the operation of low-power actuators based on digital commands received over the powerline. The module communicates using the highly-reliable Universal Powerline Bus (UPB) technology. UPB devices such as Model UMI are easily integrated to provide a flexible, low-cost alternative to hardwired or RF home automation strategies.

Model UMI is useful for detecting events such as a ringing telephone or doorbell, or for monitoring alarm switches on doors and windows, or for sensing audio signals from a sound system. The outputs deliver on/off control for low-power electrical devices such as door strikes, drapery controls, central vacuum controls, electric fireplace actuators, garage door openers, sprinkler valves, etc. Installation is simple: the module is plugged into a standard 120VAC outlet and the devices to be monitored/controlled are wired into a terminal block on the bottom of the module. A non-controlled 120VAC outlet is also provided on the face of the module. Connected devices can be operated manually using a multi-button controller, or automatically via PC or home automation server.

Prices and specifications subject to change without notice.



Model UMI-32-W = (3) Input + (2) Output Module, White

Specifications

- Power:** 120VAC +/- 10%, 60Hz, 83mA
- Inputs (UMI-32):**
- Input #1:**
 - 4-5V AC/DC sense or phonenumber (ring detect)
 - 100 VDC / 140 VAC max.
 - min. pulse duration: 161 mS
 - Input #2:**
 - 4-5V AC/DC sense or contact closure
 - 30 VDC / 42 VAC max.
 - min. pulse duration: 73 mS
 - Input #3:**
 - 4-5V AC/DC sense, 200mA sense (doorbell), or contact closure, or line level audio presence
 - 30 VDC / 42 VAC max.
 - min. pulse duration: 73 mS
- All inputs are isolated from each other and from power.
- Outputs (UMI-32):**
- Quantity:** 2 for model UMI-32
 - Output Type:** isolated solid-state
 - Maximum Rating:** 60 VDC / 84 VAC @400mA
- I/O Termination:** screwless, #22 to #14AWG solid wire
- "Always On" Outlet:** 120VAC @15A
- Operating Temperature:** 30-120°F (0-50°C)
- Physical:**
- Dimensions:** 3.4"H x 2.6"W x 1.5"D (86 x 65 x 38mm)
 - Weight:** 8 oz (220g)
 - Mounting:** Plug-in
- Safety:** ETL listed



Home Automation Made Simple.