

## Model UMI-32(-SP)

### Discrete 3-Input/ 2-Output Module

Remote Sensing & Control of Low-voltage and Lighting Scene-links

Model UMI is a plug-in module designed to sense the status of low-voltage and contact closure inputs and transmit scene-links to control high voltage loads such as lights, gates, pump/fan motors and more. It can receive scene-links and control the operation of low-power actuators. The module communicates using highly-reliable Universal Powerline Bus (UPB) technology. UPB devices such as Model UMI are configured with [UPStart](#) (PC) software and easily integrated to provide a flexible, low cost alternative to hardwired or RF home automation strategies.

Model UMI sends lighting scene links, controlling 1 to 250 UPB switches/devices, upon sensing such inputs as alarm panel trigger outputs, RF receiver outputs, driveway sensors, a ringing telephone or doorbell, or for monitoring alarm switches on doors and windows, even audio signals from a sound system. The outputs deliver on/off control for garage door openers, electric fireplace actuators, sprinkler valves and other low-voltage/power input devices such as door strikes and central vacuum controls. Installation is simple: the module is plugged into a standard 120 VAC outlet and the devices to be monitored / controlled are wired into a terminal block on the bottom of the module. Scene-links can be assigned to the inputs (high and low) to automate control of other circuit loads in the home (e.g. garage door opens and lights come on). A non-controlled 120 VAC outlet is also provided on the face of the module. Connected devices can operate manually using scene-links from any UPB switch/controller or automatically via PC or



#### Advantages

- Sense (3) Inputs and Source (2) Output Triggers
  - ▶ Inputs trigger lighting scene-links
  - ▶ Lighting scene-links control outputs
- Simple plug-in installation
  - ▶ Communicates over existing power lines
- Pre-configured UMI-32-SP for Security Package
  - ▶ No Programming Required
  - ▶ Plug and Play with starter packages (DKIT-01 / DKIT-02)
  - ▶ Works with any alarm panel low-voltage trigger output
- UPB Technology delivers...
  - ▶ Exceptional reliability and noise immunity
  - ▶ Lowest installed cost compared to hardwired and RF solutions
  - ▶ No interference between adjacent homes
- Easy configuration with [UPStart](#) (PC) software

#### Simply Automated, Incorporated

6108 Avenida Encinas, Suite B, Carlsbad, CA 92011 USA  
 800-630-9234 • Office 760-431-2100 • Fax 760-431-2101  
 sales@simply-automated.com www.[Simply-Automated.com](http://Simply-Automated.com)

## Specifications

Power: 120VAC +/- 10% , 60Hz, 83mA

- Input #1
- 4-5V AC/DC sense or phoneline (ring detect)
  - 140 VDC/100 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:

- Quantity: 2  
Output Type: isolated solid-state  
Maximum Rating: 60 VDC/42 VAC @400mA

I/O Termination: screwless, #22 to #18 AWG solid wire

"Always On" Outlet: 120VAC @15A

Operating Temp: 30 to 120°F (0 to 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

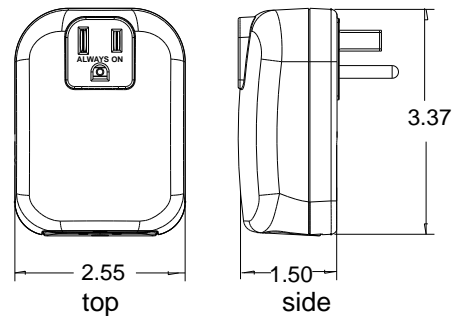
Prices and specifications are subject to change without notice.

## Ordering Information

UMI-32: 3 Input / 2 Output Module; with standard factory defaults

UMI-32-SP: 3 Input 2 Output Module; Security Package pre-configured, for plug and play (no programming) use with dimmer starter package (model DKIT-01) or Lamp Module starter package (model DKIT-02).

## Dimensions (Inches)



## Simply Automated, Incorporated

6108 Avenida Encinas, Suite B, Carlsbad, CA 92011 USA  
800-630-9234 • Office 760-431-2100 • Fax 760-431-2101  
sales@simply-automated.com [www.Simply-Automated.com](http://www.Simply-Automated.com)



Home Automation Made Simple.