Lighting Controls

WIR SERIES
WISCAPE® WIRELESS LOW VOLTAGE MODULE

wiSCAPE™

FEATURES

- Ideal for solar (photovoltaic) and battery-powered devices

- 3 Digital inputs / 1 analog input for low-voltage switch, motion and photo sensors

- Universal dimmer 0-10V (sink/source) for all types of ballasts & drivers

- Complete integration with wiSCAPE® software

- Multi-level grouping and multiple scenarios

- Programmable state after blackout, with peak shaving options

- Both locally and remotely controllable with status and metering reporting

- Serial communications via RS-232 serial interface

SPECIFICATIONS

CONSTRUCTION
- Black

- UL94-0 Flame Retardant

- Dimensions (L x W x H): 3.876 x 2.085 x 1.59 in (101.6 x 50.8 x 25.4 mm)

ELECTRICAL
- 12VDC to 24VDC

- Consumption: 0.06mA at 12V and 0.04mA at 24V

- Secondary Output: 1 Digital (supply voltage (12-24V) – max: 20mA) or sink to ground (0V)

- Inputs: 3 Digital: e.g. Motion sensor and switch top/bottom buttons (0-30V) + 1 Analog (0-30V)

- 0-10V Dimming: For all types of 0-10V drivers and ballasts requiring either to be sunk (up to 5mA) or sourced (20mA standalone or higher w/ext. source)

ELECTRICAL (CONTINUED)
- Maximum Load: 1 Amp

- RS-232 serial interface

OPERATION
- Power Monitoring: Voltage - Burn-time counters

- Output Status Monitoring: Standard feature

- Radio Coverage: Up to 1,000 ft. (300m) between modules.(footnote 1) Communication range based on clear line of site. Range may vary widely depending on environmental factors.[1]

OPERATING ENVIRONMENT
- Relative Humidity: Up to 99% non-condensing

- Ambient Temperature Range: -40°F to 185°F (-40°C to +85°C)

CERTIFICATIONS
- 2.4GHz Version: U.S. FCC (Digi XBee PRO 2.4GHz) Part 15.247 Class A: MCQ-PS2CTH, Canada IC: 1846A-PS2CTH, Europe CE: ETSI, Australia: C-TICK, Japan: TELEC

- 900MHz Version: U.S. FCC (Digi XBee PRO 900MHz) Part 15.247 Class A: MCQ-XB900HP

WARRANTY
- 5 year limited

Notes:

1   Antenna must be mounted vertically up or down.

currentlighting.com

4517A_WIR-LVM_SPEC_R01

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WISCAPE® WIRELESS LOW VOLTAGE MODULE

ORDERING GUIDE

Example: WIR-LVM-IO

CATALOG #

Housing	
WIR-LVM-IO	wiSCAPE® Low Voltage Module with Metering, 2.4GHz Radio, I/O Terminals
WIR-LVM9-IO	wiSCAPE Low Voltage Module with Metering, 900MHz Radio, I/O Terminals[1]

Notes:

1   900 MHz Devices are MTO (Made-To-Order) - Contact Customer Service for Availability

DIMENSIONS

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