

Intelligent Wall Switch

The i-ON-D™ Intelligent Wall Switch from Electronic Design Technology provides dimming capability in lighting control and energy management applications. Load status is indicated via LEDs located on the right side of the switch button. The i-ON-D provides independent load control that can dim incandescent/tungsten loads up to 600 Watts. The i-ON-D switches may be bound to other iLiNE products on the network. The i-ON-D switch may also be remotely controlled by other i-LiNE products or by a controller using the iLiNE protocol.

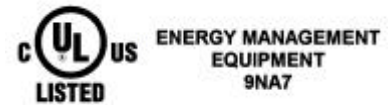
The i-ON-D responds to any controller with a RS-232 interface and communicates using the iLiNE protocol. By using multiple i-LiNE products, the user can define and implement various multi-way switching and dimming configurations. Scenes can be programmed into the i-ON-D without the use of a controller. Advanced control which rely on sensor and external triggers require a controller for programming.

Applications:

- Switching and dimming for incandescent / tungsten loads.
- Easy switching / dimming from a remote controller or from multiple local / remote locations.
- With multiple i-ON-D's, various multi-way switching /dimming arrangements can be set via programmable input.
- Switch is programmable to control and respond to unique lighting scenes. Switch will respond to 255 scenes from a variety of sources.
- Energy management features available with a controller.

Features and Benefits:

- Reliable communications using readily available twisted pair wiring that is UL listed and has an insulation rating of 120 Volts AC or higher.
- Simple programming and configuration interface.
- i-LiNE products are self configuring and addressing, no need to set and remember unit addresses.
- i-LiNE protocol provides fast, robust, and high quality data communications.
- Protected memory maintains settings during power outages and fluctuations.
- UL Listed for US and Canada and FCC Part 15 Class B Compliant.



Specifications:

Dimmable Switch	
Model Number:	i-202
Load Type:	Incandescent / Tungsten
Rated Load:	600 Watts 5A@120 VAC 60 Hz
Network Power Consumption:	18 milliamps
Input Voltage:	120 VAC ± 10% at 60 Hz (Power Line) 9-12 Volts DC (i-LiNE Control Voltage)
Communications:	i-LiNE via 4 pair twisted wire (CAT5 or equivalent cable) with RJ45 connections
Operating Temperature:	-20° to 40° C
Storage Temperature:	-40° to 80° C
Humidity:	0 to 95% RH non-condensing
Options:	Ivory, White, and Almond

Multiple Unit De-rating Chart:

Maximum Load		
No Sides Removed	1 Side Removed	2 Sides Removed
600 Watts	500 Watts	400 Watts

LIMITED ONE YEAR WARRANTY AND EXCLUSIONS

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