

## Intelligent Wall Switch

The i-ON-Dsl™ Intelligent Wall Switch from Electronic Design Technology provides remote control capability for i-ON-D dimmer switches 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-Dsl operates as a slave switch for the i-ON-D dimmer switch. The i-ON-Dsl switches may be bound to other i-LiNE products on the network. The i-ON-Dsl switch may also be remotely controlled by other i-LiNE products or by a controller using the i-LiNE protocol.

The i-ON-Dsl responds to any controller with a RS-232 interface and communicates using the i-LiNE 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-Dsl without the use of a controller. Advanced control which rely on sensor and external triggers require a controller for programming.

### Applications:

- Remote dimming of an i-ON-D dimmer switch.
- With multiple i-ON-D's and i-ON-Dsl'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.



### Specifications:

Dimmable Switch	
Model Number:	i-212
Load Type:	Not Applicable
Network Power Consumption:	15 to 20 milliamps
Input Voltage:	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

### LIMITED ONE YEAR WARRANTY AND EXCLUSIONS

Electronic Design Technology warrants to the original customer purchaser and not for the benefit of anyone else that this product at the time of its sale by Electronic Design Technology is free of defects in materials and workmanship under normal and proper use for one year from the purchase date. Electronic Design Technology's only obligation is to correct such defects by repair or replacement, at its option, if within such one year period the product is returned prepaid, with proof of purchase date, and a description of the problem to Electronic Design Technology, Attn: Warranty Department, 707 North Green Street, Longview, TX 75601. This warranty excludes and therefore is disclaimed liability for labor for removal of this product or reinstallation. This warranty is void if this product is installed improperly or in an improper environment, overloaded, misused, opened, abused, or altered in any manner, or is not used under normal operating conditions or not in accordance with any labels or instructions. There is no other or implied warranties of any kind, including merchantability and fitness for a particular purpose, but if any implied warranty is required by the applicable jurisdiction, the duration of any such implied warranty, including merchantability and fitness for a particular purpose, is limited to one year. Electronic Design Technology is not liable for incidental, indirect, special, or consequential damages, including without limitation, damage to, or loss of use of any equipment, lost sales or profits or delay of failure to perform this warranty obligation. The remedies provided herein are the exclusive remedies under this warranty, whether based on contract, tort or otherwise.

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