

4. Two difference ways to program 3 different wiring situation by following:
 - a.) Program by Z-Wave™ Interface Controller _ Configuration:
 Parameter Number 01, Size 01
 Parameter Value: "01" - To Control Light with 1 Wall Switch & to Control Light With 2 Wall Switches.
 "02" - To Control Light with 1 Wall Switch That Has Light Indicator. (This is factory default)
 - b.) Program by Program SW:
 Press and hold Program SW 3 seconds, LED will flash one time for setting up the type of "To Control Light With 1 Wall Switch" & "To Control Light With 2 Wall Switches".
 Release the Program SW, press and hold Program SW 3 seconds again then LED will flash 2 times for setting up the type of "To Control Light with 1 Wall Switch That Has Light Indicator".
5. Reset to the factory default setting: Press and hold the Program SW before power on. LED shall start flashing.



Operation

Turn on or turn off the appliance that attached to ZL7431 by Z-Wave™ Interface Controller, or manually turn on or off the light switch.

Federal Communications Commission Statement

This equipment has follows with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try and correct the interfere by one of the following measures:
 Reorient or relocate the receiving antenna,
 Increase the separation between the equipment and receiver,
 Connect the equipment into and outlet on a circuit different from that to which the receiver is connected.
 Consult the dealer or an experienced radio/TV technician for help.
 This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
 FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Limited Warranty

Vision Guarantees that every In-Wall Switch module is free from physical defects in material and workmanship under normal use for one year from the date of purchase. If the product proves defective during this one-year warranty period, Vision will replace it free of charge. Vision does not issue any refunds. This warranty is extended to the original end user purchase only and is not transferable. This warranty does not apply to : (1) damage to units caused by accident, dropping or abuse in handling, or any negligent use; (2) units which have been subject to unauthorized repair, taken apart, or otherwise modified; (3) units not used in accordance with instruction; (4) damages exceeding the cost of the product; (5) transit damage, initial installation costs, removal cost, or reinstallation cost.

For information on additional devices, please visit us at www.visionsecurity.com.tw

Installation & Operation Manual

ZL 7431 IN
 ZL 7431 EU
 ZL 7431 RU
 ZL 7431 US
 ZL 7431 JP
 ZL 7431 BR

In-Wall Switch, 1 Relay

Introduction

Thanks for choosing the Vision's In-Wall Switch module of the home automation device. This module is a Z-Wave™ enabled device (interoperable, two-way RF mesh networking technology) and is fully compatible with any Z-Wave™ enabled network. Every mains powered Z-Wave enabled device acts as a signal repeater and multiple devices result in more possible transmission routes which helps eliminate "RF dead-spots".

Z-Wave™ enabled devices displaying the Z-Wave™ logo can also be used with it regardless of the manufacturer, and ours can also be used in other manufacturer's Z-Wave™ enabled networks. With special design, this module can fit into most of electronic box in the market. This module will send On/Off signal to the appliance that attached to this module by receiving Z-Wave™ signal from controller or user can manually turn on/off the appliance by wall switch.

Product Description & Specification

Specification:	Package Content
Protocol: Z-Wave™ (ZM3102N)	1pc ZL 7431 In-Wall Switch, 1 Relay
Frequency Range: 865.22MHz (ZL7431IN) 868.42MHz (ZL7431EU) 869.00MHz (ZL7431RU) 908.42MHz (ZL7431US) 920.00MHz (ZL7431JP) 921.42MHz (ZL7431BR)	1pc Installation & Operation Manual
Operating Range: Up to 100 feet line of sight	
Operating Temp.: -15°C~ 60°C (5°F~140°F)	
Operating Voltage:100VAC~240VAC	
Resistive Load: 800W for 110VAC 1300W for 220VAC	

Z-Wave™ Command Class

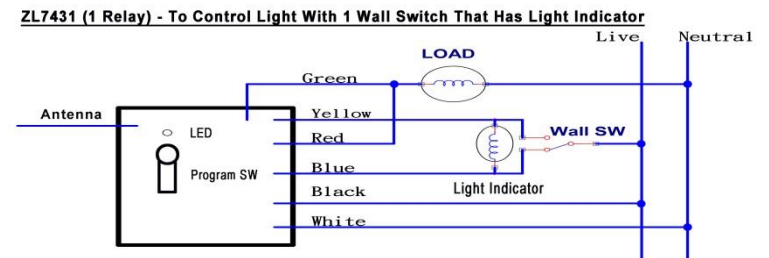
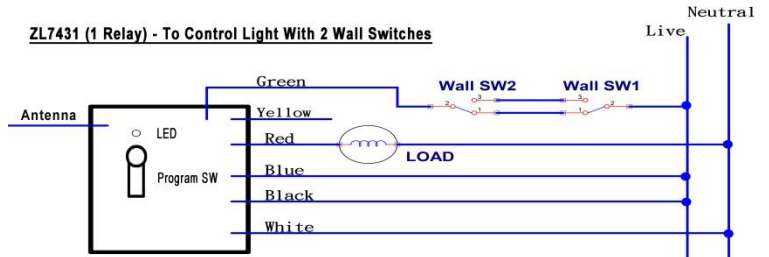
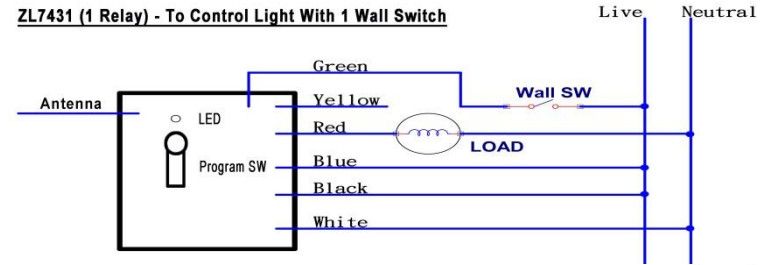
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 COMMAND_CLASS_CONFIGURION
 COMMAND_CLASS_MANUFACTURER_SPECIFIC
 COMMAND_CLASS_SWITCH_ALL
 COMMAND_CLASS_SWITCH_BINARY mapping
 COMMAND_CLASS_BASIC
 COMMAND_CLASS_VERSION

Installation

Notice: If you are installing the entire Z-Wave™ system for the first time, please refer to the installation guide of Z-Wave™ Interface Controller before installing ZL7431 In-Wall Switch Module.

- Following the wiring diagram to install ZL7431 according to your varied requirements.

Note: Place antenna toward the surface and away from metal to get better signal.



- For **"Inclusion"** in (adding to) a network: Put the Z-Wave™ Interface Controller into "inclusion" mode, and following its instruction to add the ZL 7431 to your controller. To get in the "inclusion" mode, the distance between module and controller is suggested to be in one meter. Turn on and turn off the wall switch that connects with ZL 7431 module 4 times to be included (or press the Program SW 4 times within 2 seconds to be included), then LED shall stop flashing.

For **"Exclusion"** from (removing from) a network: Put the Z-Wave™ Interface Controller into "exclusion" mode, and following its instruction to delete the ZL 7431 from your controller. Turn on and turn off the wall switch that connects with ZL 7431 module 4 times to be excluded (or press the Program SW 4 times within 2 seconds to be excluded), then LED shall start flashing.

- Status of **"ON"** (Binary Switch Set 0xFF or wall switch ON)
 Status of **"OFF"** (Binary Switch Set 0x00 or wall switch OFF)