

Federal Communications Commission (FCC) Statement

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. 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.

NOTE: This equipment has been tested and found to comply 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 instructions, 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 to correct the interference by one or more of the following measures: Reorient or relocate the receiving antenna, increase the separation between the equipment and receiver, connect the equipment into an outlet on a circuit different from that to which the receiver is connected or consult the dealer or an experienced radio/TV technician for help. This equipment should be installed and operated with minimum distance 8in (20cm) between the radiator and your body.

IC Caution: This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

DECLARATION DE CONFORMITE D'INDUSTRIE CANADA: Ce périphérique a été testé et reconnu conforme aux limites spécifiées dans RSS-210. Son utilisation est soumise aux deux conditions suivantes: (1) il ne doit pas provoquer d'interférences gênantes et (2) il doit tolérer les interférences reçues, notamment celles susceptibles d'en perturber le fonctionnement.

Warranty, Specifications & Warnings

Warranty: Inovelli will replace any defective unit for the lifetime of the unit, pending the unit was used in the manner it was intended to. Please email us at: contact@inovelli.com to receive a pre-paid shipping label for the return of your defective unit.

Specifications:

Model: ZW31
Power: 120V AC, 60Hz
Signal (Frequency): 908.42 MHz
Maximum Load: 500W Incandescent (1-Gang), 400W Incandescent (2-Gang), 300W Incandescent (3-Gang)
Range: Up to 100 meters line of sight between the Wireless Controller (HUB) and the closest Z-Wave Module
Operating Temperature Range: 32-104° F (0-40° C)
For indoor use.

Specifications subject to change without notice due to continuing product improvement

Approval: UL/FCC/Z-Wave Plus Certified

UL: E464831

FCC ID: OXGZW31



Resetting Your Device

Please use a certified controller to remove the device from your network to factory default. Or, to manually remove your device, hold down the button (B) for 5 seconds (after shutting power off and turning it back on). Only use this procedure only in the event that the network primary controller is missing or otherwise inoperable. If your HUB is within range and you'd like to remove the device, please put your HUB in exclusion mode and tap the down button (B) six (6) times within 2 seconds.

Warning:

RISK OF FIRE
RISK OF ELECTRICAL SHOCK
RISK OF BURNS

CONTROLLING APPLIANCES: EXERCISE EXTREME CAUTION WHEN USING Z-WAVE DEVICES TO CONTROL APPLIANCES. OPERATION OF THE Z-WAVE DEVICE MAY BE IN A DIFFERENT ROOM THAN THE CONTROLLED APPLIANCE, ALSO AN UNINTENTIONAL ACTIVATION MAY OCCUR IF THE WRONG BUTTON ON THE REMOTE IS PRESSED. Z-WAVE DEVICES MAY AUTOMATICALLY BE POWERED ON DUE TO TIMED EVENT PROGRAMMING. DEPENDING UPON THE APPLIANCE, THESE UNATTENDED OR UNINTENTIONAL OPERATIONS COULD POSSIBLY RESULT IN A HAZARDOUS CONDITION. FOR THESE REASONS, WE RECOMMEND YOU DO NOT RETURN THIS PRODUCT TO THE STORE, BUT RATHER CONTACT THE MANUFACTURER OF THE PRODUCT TO ARRANGE AN EXCHANGE OR REFUND IF THE PRODUCT IS DEEMED DEFECTIVE

Command Class Information

Generic Device Class	GENERIC_TYPE_SWITCH_MULTILEVEL
Specific Device Class	SPECIFIC_TYPE_POWER_SWITCH_MULTILEVEL
Command Classes	85 - COMMAND_CLASS_ASSOCIATION 59 - COMMAND_CLASS_ASSOCIATION_GRP_INFO 70 - COMMAND_CLASS_CONFIGURATION 5A - COMMAND_CLASS_DEVICE_RESET_LOCALLY 7A - COMMAND_CLASS_FIRMWARE_UPDATE_MD 72 - COMMAND_CLASS_MANUFACTURER_SPECIFIC 26 - COMMAND_CLASS_SWITCH_MULTILEVEL 8E - COMMAND_CLASS_MULTI_CHANNEL_ASSOCIATION 73 - COMMAND_CLASS_POWERLEVEL 98 - COMMAND_CLASS_SECURITY 6C - COMMAND_CLASS_SUPERVISION 27 - COMMAND_CLASS_SWITCH_ALL 25 - COMMAND_CLASS_SWITCH_BINARY 55 - COMMAND_CLASS_TRANSPORT_SERVICE 86 - COMMAND_CLASS_VERSION 5E - COMMAND_CLASS_ZWAVEPLUS_INFO

Parameter Settings

Invert | Default = Top/On, Bottom/Off
-- Parameter = 4, size = 1 byte, value = 00, Up = On, Down = Off
-- Parameter = 4, size = 1 byte, value = 01, Up = Off, Down = On

Countdown | Default = No Timer
-- Parameter = 5, size = 2 byte, value = xx xx
-- Value = 00 (default) = No Timer
-- (0x00---x8000) (range = 0-32768 Seconds)

Dimmer Step Configuration (Dimmer Speed Setting)
-- Parameter = 1, size = 1, value = xx (0x01 - 0x63)

Dimmer Minimum Configuration (Minimum Dim Setting)
-- Parameter = 2, size = 1, value = xx (0x01 - 0x63)

Special Settings

Tap 10x on Button (A) = Disable/Invert LED
Tap 10x on Button (B) = Invert Switch

*The association group supports five nodes and lifeline function