

LZW36

Instructions

Next Gen Smart Lighting

We're excited to have you on this journey with us and we're here for you every step of the way. Not only are we smart home owners ourselves, but we build all of our products alongside 1,000's of passionate community members. To see how the project came to life and how everyone contributed, please see Page 70 or visit: inov.li/hurricane. It's truly amazing working with people of all walks of life and even more humbling to see everyone's dedication to making some of the best smart home products.

Thank you so much for your trust in us and welcome to the next generation of smart lighting with Inovelli.

Eric H. - Founder/CEO

Eric M. - Founder/CTO

Handwritten signatures of Eric H. and Eric M. in black ink. Eric H.'s signature is on the left, and Eric M.'s signature is on the right.

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		inov.li/lzw36	

Navigating this Manual

We designed this manual as if we were installing the switch ourselves. We suggest reviewing the full manual before beginning the installation process. There are five areas this manual covers:

1. Getting to know your switch
2. Figuring out your wiring
3. Installing the Module
4. Connecting to your hub/gateway
5. Configuring your switch (optimize the settings)

As we continue to work with hub manufacturers, and improve our products. It may be necessary to periodically update this manual. You can always find the latest version of this manual by visiting: inov.li/lzw36

Reprinted - 2023.10.08

Quick Setup & Inclusion.

Quick Setup Notes

We get it, you're ready to go. No need to flip through the manual, you want the abridged version. **This section assumes you have your switch wired correctly and the blue LED Bars are lit up.**

It also assumes you know how to enter the Z-Wave pairing mode on your hub/gateway (and have a Z-Wave compatible hub/gateway).

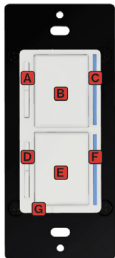
To see which hubs are compatible, please visit: inov.li/lzw36hubs

While these instructions likely won't change, for the most up-to-date instructions, we recommend visiting: inov.li/lzw36QS

Including Your Switch

Pairing: The switch will start the inclusion process when you hold down on the top of the light rocker (A) and then tap the light paddle (B) three times consecutively. To indicate the switch is in inclusion mode, both LED Bars (C & F) will pulse blue. Once the switch is in inclusion mode, start the Z-Wave inclusion process on the hub at any time. If successful, both LED Bars (C & F) will flash green.

If the switch is unsuccessful during inclusion, you can exclude (reset) the switch by putting your gateway in exclusion mode and holding down on the top of the light rocker (A) and tapping the light paddle (B) three times consecutively. The LED Bar (D) will pulse blue and then flash green if successful or red if not. Then try inclusion again.



Getting to Know Your Switch

Please use the next couple pages to get to know your smart switch.

A. Light Dimmer: Hold up and down to dim your fan's light. In addition, it can be used to activate scene control (1x taps) where up to 2 scenes can be added*.

B. Light On/Off: Tap 1x to turn on/off your fan's light. In addition, it can be used to activate scene control (multi-taps and holds) where up to 7 scenes can be added*.

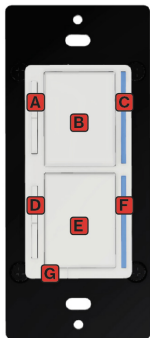
C. RGB Light LED Bar: Multi-functional LED bar that shows if the light is on or off. In addition, it can be used as a notifier* for various events (ie: turn red when alarm is armed, pulse purple if garage is left open, etc).

D. Fan Speed Control: Hold up and down to change the speed of your fan. In addition, it can be used to activate scene control (1x taps) where up to 2 scenes can be added*.

E. Fan On/Off: Tap 1x to turn on/off your fan. In addition, it can be used to activate scene control (multi-taps and holds) where up to 7 scenes can be added*.

F. RGB Fan LED Bar: Multi-functional LED bar that shows what speed the fan is at. In addition, it can be used as a notifier* for various events (ie: turn red when alarm is armed, pulse purple if garage is left open, etc).

G. Air Gap: For decorative purposes only



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Wiring.

Wiring Notes

Due to the number of ways these switches can be wired, all schematics are housed online and you can access the schematics by visiting: inov.li/lzw36wiring

To work your way through this section, first read the warnings, then familiarize yourself with the vernacular used.

Finally, please do not attempt to install these switches if you are unfamiliar with electrical as serious injury can occur.

Safety Reminder

Consult a qualified electrician if necessary as **we are unable to give wiring advice outside of schematics.**

If you are unsure how electrical circuits work, please do not try installing this device. As exciting as it is to have a smart switch installed, it can be dangerous and even life-threatening if you do not install it correctly. Improper installation will void the product's warranty.

Please read through the warnings on the next few pages before installing your switch. We can't stress enough how dangerous installation can be if you don't know what you're doing.

Warnings

Caution - Please Read: This device (LZW36) is intended for installation in accordance with the National Electric Code and local regulations in the United States, or the Canadian Electrical Code and local regulations in Canada. If you are unsure or uncomfortable about performing this installation consult a qualified electrician. This product is made for indoor use only and is not designed or approved for use on power lines other than 120VAC, 60Hz, single phase. Attempting to use this LZW36 on non-approved power lines may have hazardous consequences.

Attention - Information importante: Cet appareil (LZW36) est conçu pour être installé conformément au « National Electric Code » et aux réglementations locales aux

États-Unis, ou au Code canadien de l'électricité et aux réglementations locales canadiennes. Si vous ne vous sentez pas à l'aise ou qualifiés pour effectuer cette installation, veuillez consulter un électricien qualifié. Ce produit est conçu pour une utilisation intérieure uniquement et n'est pas conçu ou approuvé pour une utilisation avec une ligne électrique ayant un voltage autre que 120 VCA, 60 Hz, monophasé. L'utilisation du LZW36 avec une ligne électrique non approuvée peut avoir des résultats dangereux.

Other Warnings: Risk of Fire, Electrical Shock & Burns

Autres avertissements: Risque d'incendie, de choc électrique et de brûlures

Warnings (Continued)

Recommended Installation Practices: Use only indoors or in an outdoor rated box. Turn off the circuit breaker. Installing this switch and module with the power on will expose you to dangerous voltages. Connect only copper or copper-clad wire to the switch or module.

To reduce the risk of overheating and possible damage to other equipment, use the LZW36 load output to control no more than 200 watts (Incandescent)

- 200W Incandescent
- 100W CFL/LED
- 1/6 HP (Fan)

or 00W (LED/CFL) plus no more than Amp of Fan load. Dimming an inductive load (by connecting to the light load wire), such as a fan or transformer, could cause damage to the dimmer, the load bearing device, or both.

To install your On/Off Switch (LZW30-SN), you'll need to identify the following four wires (NOTE: Neutral is not mandatory, but recommended):

- **Line:** Usually black and can also be called the, "hot" or "live" and carries 120VAC electricity into the electrical box
- **Neutral*:** Usually white and is commonly daisy chained from box to box, usually appearing as a white wire bundle.
- **Load:** Usually black, blue or red
- **Ground:** Bare copper wire or metal fixture (if grounded)

* Neutral is mandatory. See page 29 for additional details.

Warnings (Continued)

If you are having difficulties identifying wires, please consult an electrician.

Pratiques d'installation recommandées: Utiliser uniquement à l'intérieur ou à l'extérieur dans une boîte adaptée aux conditions extérieures. Éteignez le disjoncteur. L'installation de cet interrupteur et de ce module alors que le courant est allumé vous exposera à des tensions dangereuses. Connectez uniquement un fil de cuivre ou gainé de cuivre au commutateur ou au module.

Pour réduire le risque de surchauffe et les dommages possibles à d'autres équipements, utilisez la sortie de charge LZW36 pour contrôler pas plus de 200 watts (incandescent) ou 00W (LED / CFL) plus pas plus de ampère de charge de ventilateur.

La gradation d'une charge inductive (en la connectant au fil de charge légère), comme un ventilateur ou un transformateur, pourrait endommager le gradateur, le dispositif de support de charge ou les deux.

Pour installer votre variateur (LZW36), vous devrez identifier les quatre fils suivants (REMARQUE : le neutre n'est pas obligatoire, mais recommandé) :

- **Ligne:** généralement noire et peut également être appelée « chaud » ou « sous tension » et transporte l'électricité 120 VCA dans le boîtier électrique
- **Neutre:** habituellement blanc et connecté en série d'une boîte à l'autre, les fils sont habituellement attachés ensemble dans la

Warnings (Continued)

boîte électrique

- **Charge:** habituellement noire, bleue ou rouge
- **Mise à terre:** fil de cuivre nu ou boîtier métallique (si celui-ci est mis à la terre)

Si vous rencontrez des difficultés à identifier les fils, veuillez consulter un électricien.

Équipement médical: Veuillez ne pas utiliser cet interrupteur pour contrôler de l'équipement médical ou nécessaire à la survie. Les appareils Z-Wave ne doivent jamais être utilisés pour contrôler la marche or l'arrêt d'équipement médical et/ou nécessaires à la survie.

Vocabulary

Before we go into actual steps, it's important to be familiar with the vernacular used on the following pages. Please see below:

- **Line:** This is your hot wire (120V) - aka: "live" wire
- **Load:** This is the wire that runs from your light switch to what you're controlling (ie: bulb(s), fan, etc)
- **Neutral:** This is the wire that carries current back to the power source (you may not have this in your house)
- **Single-Pole:** One switch controlling one or more load(s)
- **Multi-Way:** Refers to 3-Way (2 switches, 1 load), 4-Way (3 switches, 1 load), or 5-Way setups (4 switches, 1 load)

Step 1 - Determine Wiring Type

The first step is to determine how many switches control your load(s) (aka: light(s)).

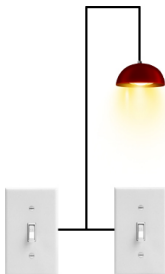
Using the diagram on the next page, please determine what your wiring type is and remember this selection:

- **Single-Pole:** One switch controls one load (load may contain more than one light, etc).
- **Multi-Way:** Two or more switches control one load (load may contain more than one light, etc). We will use the term, "multi-way" instead of 3-Way, 4-Way, 5-Way, etc as the programming of the switch is the same regardless.



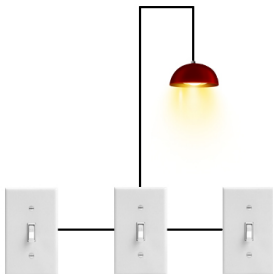
Single-Pole

One switch controls one (or more) load(s).



Multi-Way

Two or more switches control one (or more) load(s).



Step 2 - Determine Switch Layout

NOTE: If you determined in Step #1 that your switch is single-pole, you can skip this step. This step is for multi-way setups only.

Using the diagram on the next page, please determine what your wiring layout is and remember this selection:

- **Smart Switch + Smart Switch:** Two (or more) smart switches.



Smart Switches

Two (or more) Inovelli
smart switches.

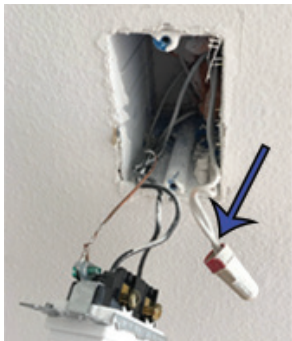
Step 3 - AC Power Type

In this step, we will determine if you have a neutral wire, which is typically white and located in the back in your switch gang-box (typically in a bundle of wires tied together).

Here are some signs you may have a neutral wire:

- If your house was built in the mid-1980's or later
- If there is an outlet (receptacle) near the switch
- If switches are in the same gang-box (regardless of the year your house was built)

See the next page for details on checking for a neutral wire.



After turning off your breaker, pull out the switches (**WARNING:** there may be multiple circuits in one gang-box -- please ensure all circuits are turned off). Check the back of your gang-box for a bundle of white wires. These are typically neutrals.

Step 4 - Compatibility Check

In this step, we will determine if your switch can be installed with your current wiring setup. If not, you can see some alternate solutions on how to accomplish compatibility.

Taking the answers you circled in Steps 1-3, please see the chart on the next page to see if your switch is compatible with your setup.

Example: If you circled, "Multi-Way", "Smart Switch" and "Neutral", you will see that your wiring is compatible. However, if you circled, "Multi-Way", "Toggle Switch" and "No Neutral", you will see that your wiring is not compatible and you will need to purchase a non-neutral compatible switch (VZW31-SN, VZM35-SN or VZM31-SN).

Wiring Type	Switch Layout	Power Type	Supported
Single-Pole		Neutral	Yes
		No Neutral	No
Multi-Way (3+ Way)	Toggle (Switch)	Neutral	No
		No Neutral	No
	Aux (Switch)	Neutral	No
		No Neutral	No
	Smart (Switch)	Neutral	Yes
		No Neutral	No

IMPORTANT: This switch cannot be used in a non-neutral setting. If you do not have a neutral wire, please purchase our Red or Blue Series 2-1 Switches for lights and the Blue Series Fan switch for fans.

Step 5 - Switch Installation

The last step is to physically install your switch. After you've determined your wiring type, switch layout, AC Power type and whether or not you have a compatible setup, it's time to look at the wiring schematics and install your switch.

As mentioned, there are many different ways your switch can be wired that if we posted them here, we'd have an encyclopedia of a manual, so all of our schematics are housed online. [UL specifies the tightening torque for the screws to be 0.8 N.m \(7.08 lbf-in\).](#)

Keep note of your answers from the prior steps and go to: inov.li/lzw36wiring and match up your answers to the correct schematic section.

Installing the Fan Module

Fan Module Notes

The fan module is what controls the fan speed and lights of the fan whereas the switch acts as a remote that sends an RF signal to the module.

The switch and module come paired automatically from the factory and should work out of the box. However, if you run into issues, please see page 34.

Installing the Module

After determining the wiring schematics and installing the switch in the wall, it's time to install the fan module. **Make sure the power is off before installing.**

1. Ensure the distance between your fan switch and module is no more than 32.8ft (10m).
2. Remove your ceiling fan from the electrical box and identify the load (black -- which is now hot), neutral (white), and the fan motor and light loads (usually red is the fan and blue is the light, but your wires may be different based on manufacturer).
3. Fasten the module with the zip-tie, turn back on the power and test to make sure you can control the fan and lights

Troubleshooting

If you cannot control your fan and lights, please try to manually pair your switch and canopy. They should be paired together straight from the factory, but just in case you run into issues, please hold down on the top of the fan rocker (D) and tap the fan paddle (E) three (3) times. If successful, the LED Bars (C/F) will blink green.

Hub/Gateway Setup.

Hub/Gateway Setup Notes

As manufacturers update their hub/gateway platforms, the setup process may change. We recommend checking our website for the latest directions, by visiting the relevant short-links below.

If you don't see your hub, please go to: inov.li/lzw360T

SmartThings

[inov.li/
lzw36ST](https://inov.li/lzw36ST)

Home Asst. Z-Wave JS

[inov.li/
lzw36ZWJS](https://inov.li/lzw36ZWJS)

Home Asst. Z-Wave JS UI

[inov.li/
lzw36ZWJSUI](https://inov.li/lzw36ZWJSUI)


Hubitat

[inov.li/
lzw36HE](https://inov.li/lzw36HE)

SmartThings Instructions

COMPATIBLE HUBS: Samsung SmartThings Hub V1, V2 and Samsung or Aeotec Hub V3 (NOTE: You will need to install an Edge Driver to ensure full functionality of the switch. For more info, please go to: inov.li/lzw36STPrereqs).

First, hold down on the top of the light rocker (A) and then tap the light paddle (B) three times consecutively until the LED Bars (C/F) start to pulse blue, then proceed to the instructions below:

- Open the SmartThings app and click on the devices icon 
- Tap on the (+) button and click, "Add Device"
- Click, "Scan nearby"
- If successful, the LED Bars (C/F) will turn green and your app will show the new switch (feel free to rename it)

Home Assistant Instructions

COMPATIBILITY: We recommend either Z-Wave JS or Z-Wave JS UI (formerly Z-Wave JS2mqtt). NOTE: you will also need a compatible Z-Wave stick - a full list can be found here: Z-Wave JS = inov.li/lzw36ZWJSsticks or Z-Wave JS UI = inov.li/lzw36ZWJSUIsticks).

You didn't think we'd be able to fit the HA instructions in here, did you?! Please visit our website :)

Z-Wave JS Instructions

inov.li/lzw36ZWJS


Z-Wave JS UI Instructions

inov.li/lzw36ZWJSUI

Hubitat Instructions

COMPATIBLE HUBS: Hubitat C3, C4, C5 and C7 (NOTE: You may need to install a Device Driver to ensure full functionality of the switch. We recommend doing this prior to pairing.

First, hold down on the top of the light rocker (A) and then tap the light paddle (B) three times consecutively until the LED Bars (C/F) start to pulse blue, then proceed to the instructions below:

- Login to your Hubitat portal and click on the devices tab 
- Tap on the (+) Add Device button and click, "Z-Wave" under, "Add device manually"
- Click, "Start Z-Wave Pairing" and your hub should go into pairing mode, find and initialize the device
- If successful, the LED Bars (C/F) will turn green and your app will show the new switch (feel free to rename it)

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Advanced Features.

Advanced Features Notes

NOTE: The advanced features shown below are what is built into the switch firmware, and may or may not be supported by your hub/gateway. We've confirmed they're supported on SmartThings, Hubitat, and Home Assistant.

These switches are packed with a ton of amazing features, which include scene control (multi-tap), animated notifications, smart bulb mode, energy monitoring, and approximately 30 different parameters to customize your switch.

The manual does not have enough room to list out and explain all the parameters and advanced features. However, the following pages will direct you to the proper URL's. An overview can be found at the following URL: inov.li/lzw36AF

Switch Parameters

There are approximately 30 different parameters on this switch, making it one of the most customizable switches out there.

They can be found on Page 52 in this manual or by visiting:
inov.li/lzw36parameters

If your hub does not support parameter changes, you can program a lot of these directly from the configuration button. Please visit:
inov.li/lzw36LC

Other Advanced Features

To setup some of the other advanced features, such as: Animated Notifications, Scene Control, Smart Bulb Mode and Z-Wave Associations, please see the URL's below as the instructions will be different depending on the hub you're using.

- **Animated Notifications:** inov.li/lzw36AN
- **Scene Control:** inov.li/lzw36SC
- **Z-Wave Associations:** inov.li/lzw36ZA

As noted on page 43, your switch has the ability to program parameters from the configuration button. To learn more, please visit: inov.li/lzw36LC

Z-Wave Information.

About Z-Wave & This Device

As mentioned in the beginning of the manual, we're all smart home owners ourselves and have an amazing community of people who are eager to help and share their setups.

If you ever run into any issues, please do not hesitate to submit a ticket, or post in the community. We'd love to hear from you.

Community Link: inov.li/community

Submit a Ticket: inov.li/support (or scan the QR Code below)

Thanks again for your support and we look forward to helping you get the most out of our smart home!

DSK Location

The DSK information required for some inclusion methods can be found either on the product (QR Code located at the bottom front-left of the switch), or on the back of the box at the bottom left (QR Code located at the bottom right). Please keep this in a safe space or write it down for your records.

Z-Wave Association Groups

Grouping Identifier	Max Nodes	Send Commands
Group 1	5	1. Central Scene Notification
		2. Basic Report
		3. Multilevel Report
		4. Protection Report
		5. Device Reset Locally
		6. Meter Report
Group 2 (Light) Group 5 (Fan)	5	Basic Set
Group 2 (Light) Group 5 (Fan)	5	Switch Multilevel Set
Group 2 (Light) Group 5 (Fan)	5	Switch Multilevel Set

Group 1: Lifeline

Members of this group will receive unsolicited messages related to the status of the switch

Group 2: Basic Set

Sends On & Off commands to associated devices

1. Single press on the up button sends BasicSet (0xFF)
2. Single press on the down button sends BasicSet (0x00)

Group 3: Switch Multilevel Set - Light

Sends set level commands to associated devices when switch is pressed

1. Hold & Release up or down button sends SwitchMultiLevelSet which keeps associated devices in sync with this device
2. Single press up button sends SwitchMultiLevelSet (0xFF)

3. Single press down button sends SwitchMultiLevelSet (0x00)

Group 4: Switch Multilevel Set - Light

Sends start/stop level change to associated devices

1. Hold up button sends SW_MULTILEVEL_START_LEVEL_CHANGE (Up)
2. Hold down button sends SW_MULTILEVEL_START_LEVEL_CHANGE (Down)
3. Release either button sends SW_MULTILEVEL_STOP_LEVEL_CHANGE

Group 5: Switch Multilevel Set - Light

Sends on/off commands to associated devices

1. Single press up button sends BasicSet (0xFF)
2. Single press down sends BasicSet (0x00)

Group 6: Switch Multilevel Set - Fan

Sends set level commands to associated devices when switch is pressed

1. Hold and release up or down button sends SwitchMultiLevelSet which keeps associated devices in sync with this device
2. Single press up button sends SwitchMultiLevelSet (0xFF)
3. Single press down button sends SwitchMultiLevelSet (0x00)

Group 7: Switch Multilevel Set - Fan

Sends start/stop commands to associated devices

1. Hold up button sends SW_MULTILEVEL_START_LEVEL_CHANGE (Up)
2. Hold down button sends SW_MULTILEVEL_START_LEVEL_CHANGE (Down)
3. Release either button sends SW_MULTILEVEL_STOP_LEVEL_CHANGE

Z-Wave Parameters

As mentioned on page 43, there are just under 30 parameters on this switch depending on the firmware version. An overview of the parameters can be found on pages 52 through 57, but the most up-to-date parameter documentation can be found on our website here: inov.li/lzw36parameters

#	Name	Range	Default	Size	FW Version
1	Dimming Speed (Remote)	0-100	3	1	1.31+
2	Dimming Speed (Local)	0-99	99	1	1.31+
3	Ramp Rate	0-99	99	1	1.31+

#	Name	Range	Default	Size	FW Version
4	Ramp Rate (Local)	0-99	99	1	1.31+
5	Minimum Dim Level - Light	1-45	1	1	1.31+
6	Maximum Dim Level - Light	55-99	99	1	1.31+
7	Minimum Speed Level - Fan	1-45	1	1	1.31+
8	Maximum Speed Level - Fan	55-99	99	1	1.31+
10	Auto-Off Timer - Light	0-32767	0	2	1.31+

#	Name	Range	Default	Size	FW Version
11	Auto-Off Timer - Fan	0-32767	0	2	1.31+
12	Default Level (Local) - Light	1-99	0	1	1.31+
13	Default Level (Remote) - Light	1-99	0	1	1.31+
14	Default Level (Local) - Fan	1-99	0	1	1.31+
15	Default Level (Remote) - Fan	1-99	0	1	1.31+
16	Level After Power Restored - Light	0-100	100	1	1.31+

#	Name	Range	Default	Size	FW Version
17	Level After Power Restored - Fan	0-100	0	1	1.31+
18	LED Indicator Color - Light	0-255	170	2	1.31+
19	LED Strip Intensity - Light	0-10	5	1	1.31+
20	LED Indicator Color - Fan	0-255	170	2	1.31+
21	LED Strip Intensity - Fan	0-10	5	1	1.31+
22	LED Strip Intensity (When Off) - Light	0-10	1	1	1.31+

#	Name	Range	Default	Size	FW Version
23	LED Strip Intensity (When Off) - Fan	0-10	1	1	1.31+
24	LED Strip Effect - Light	0-83823359	0	4	1.31+
25	LED Strip Effect - Fan	0-83823359	0	4	1.31+
26	LED Strip Timeout - Light	0-10	3	1	1.31+
27	LED Strip Timeout - Fan	0-10	3	1	1.31+
28	Active Power Reports	0-100	10	1	1.31+

#	Name	Range	Default	Size	FW Version
29	Periodic Power & Energy Reports	0-32767	3600	2	1.31+
30	Energy Reports	0-100	10	1	1.31+
32	2.4 GHz Optimization	0-78	0	1	1.36+
51	Switch Delay	0-1	1	1	1.36+

Z-Wave Command Classes

Command Class	
Z-Wave Plus Info	5E
Transport Service	55
Security	98
Security 2	9F
Supervision	6C
Switch Multilevel	26
Configuration	70
Association	85
Association Group Info	59
Version	86

Command Class	
Manufacturer Specific	72
Device Reset Locally	5A
Powerlevel	73
Protection	75
Application Status	22
Firmware Update Metadata	7A
Central Scene	5B
Multi Channel Association	8E
Indicator	87
Multi Channel	60

Manufacturer Compatibility

This product can be operated in any Z-Wave network with other Z-Wave certified devices from other manufacturers. All non-battery operated nodes within the network will act as repeaters regardless of vendor to increase reliability of the network. Each module is designed to act as a repeater, which will re-transmit a radio frequency (RF) signal by routing the signal around obstacles and radio dead spots to ensure that the signal is received at its intended destination. The Inovelli Red Series On/Off Switch is a security enabled Z-Wave Plus™ device. A security enabled Z-Wave Plus controller must be used in order to fully utilize the product.

Factory Reset / Exclusion Info

To factory reset your device, first, hold the Configuration / Favorites Button (C) for 20 seconds until the LED Bar (D) turns red and let go. The switch should blink red a few times indicating it has been factory reset. You may also use a certified Z-Wave controller to remove the device from your network to factory default. Only use these procedures in the event that the primary controller is missing or otherwise inoperable.

Exclusion will reset your device as well and can be done directly from the hub. This is helpful if you're running into issues with inclusion. To exclude a device, start the exclusion process on your hub and press the Configuration / Favorites Button (C) 3x rapidly. The LED Bar (D) will start pulsing blue and if successful, it will flash green. If unsuccessful it will flash red.

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Product & Contact Info.

Product & Contact Info Notes

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Submit a Ticket: inov.li/support

Thanks again for your support and we look forward to helping you get the most out of our smart home!

FCC/IC Statements

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

FCC/IC Statements (Cont.)

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 license-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, notamment celles susceptibles d'en perturber le fonctionnement.

Product Info

Name: Smart Fan/Light Switch

SKU #: LZW36

Power: 120V AC, 60Hz

Signal (Frequency): 908.42 MHz

Operating Temperature Range: 32-104 °F (0-40 °C)

Maximum Load - Lights (Watts): 200W Incandescent, 100W LED/CFL

Maximum Load - Fan (HP): 1/6 HP

Range: Up to 100 meters line of sight between the Wireless Controller (HUB) and the closest Z-Wave Repeater.

Certifications: UL Listed (#E513509), FCC/IC & Z-Wave Plus Certified

For indoor use. AC Motors Only. Specifications subject to change without notice due to continuing product improvement.

Company Info / Warranty

If you run into any issues, feel free to reach out to us at: contact@inovelli.com. We typically answer tickets within 24-48 hours and are staffed by actual smart home owners.

All Inovelli products come with a one (1) year warranty (defined as 365 days). This warranty protects you from breakdowns in the material or workmanship under normal use. This warranty is limited in a couple areas. Purchases must be made from Inovelli or an authorized reseller. The product should be used in the manner directed in the instructions. The product must only be used and/or installed in the United States or Canada.

For full warranty info, please visit: inov.li/warranty

Project Hurricane

Project, "Hurricane" has a couple of meanings to it. The first meaning was that this device was one of the first smart home products ever requested by the community, even before Inovelli started. I was attending the University of Miami (Hurricanes) and one of the projects we had to do involved smart home products. I put a poll out to see what the most requested product was that doesn't exist yet and the fan/light combo was it. So, project, "Hurricane" is a shout out to my alma-mater as without us doing a project in class, Inovelli (and project, "Hurricane") wouldn't exist.

To see the project come to life, feel free to visit the project page: inov.li/hurricane

Thank You.

inovelli®