

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](mailto:contact@inovelli.com) to receive a pre-paid shipping label for the return of your defective unit.

Specifications:

Model: NZW1201  
Power Supply (Battery): CR14250, 1/2AA, 3.0V  
Signal (Frequency): 908.42 MHz  
Range: Up to 100 meters line of sight between the Wireless Controller (HUB) and the closest Z-Wave Module  
Operating Temperature Range: 5-140° F (-15-60° C)  
For indoor use only.  
Specifications subject to change without notice due to continuing product improvement  
Approval: FCC/Z-Wave Plus Certified



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. Only use this procedure only in the event that the network primary controller is missing or otherwise inoperable.

**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_SENSOR_NOTIFICATION         |
| Specific Device Class | SPECIFIC_TYPE_NOTIFICATION_SENSOR        |
| Command Classes       | 71 - COMMAND_CLASS_ALARM                 |
|                       | 85 - COMMAND_CLASS_ASSOCIATION           |
|                       | 59 - COMMAND_CLASS_ASSOCIATION_GRP_INFO  |
|                       | 80 - COMMAND_CLASS_BATTERY               |
|                       | 70 - COMMAND_CLASS_CONFIGURATION         |
|                       | 5A - COMMAND_CLASS_DEVICE_RESET_LOCALLY  |
|                       | 72 - COMMAND_CLASS_MANUFACTURER_SPECIFIC |
|                       | 73 - COMMAND_CLASS_POWERLEVEL            |
|                       | 30 - COMMAND_CLASS_SENSOR_BINARY         |
|                       | 31 - COMMAND_CLASS_SENSOR_MULTILEVEL     |
|                       | 86 - COMMAND_CLASS_VERSION               |
|                       | 84 - COMMAND_CLASS_WAKE_UP               |
|                       | 5E - COMMAND_CLASS_ZWAVEPLUS_INFO        |

Parameter Settings

Set Polling Time for Temperature (Default is 4hrs)  
- Parameter = 1, size = 4 byte, value = xx xx xx xx  
(range 60-86400 seconds, set in 60 second increments)  
  
LED Disable (Default is On)  
- Parameter = 2, size = 1 byte, value = 00 (default)  
Parameter = 2, size = 1 byte, value = 01 (Disable LED)

Special Settings

SmartThings has the ability to calibrate the temperature with the custom device handler installation on Page 5.

The association supports two (2) groups and each group supports five (5) devices:  
Group 1 = Lifeline  
Group 2 = Send Basic Set

## SmartThings Quick Setup

The below instructions will allow you to pair/include your NZW1201 with your SmartThings HUB. Remember, for the most up to date instructions, please visit our website as occasionally SmartThings updates their app.

**\*\* IMPORTANT: If you are having issues pairing/including your device, please try moving the device as close as possible to the HUB. 95% of the pairing/including failures stem from this issue. Once you've paired/included, you can move to your final location. However, please make sure the device is within your estimated range (page 2-3) \*\***

### ◀ STEPS 1 & 2 ▶ GATHER YOUR MATERIALS, FIND AN APPROPRIATE OUTLET, AND PLUG IN LAMPS OR APPLIANCES

- Materials Needed: Device Handler\*, Cell Phone/Tablet, and a SmartThings HUB (V1 or V2)
- Locate a door/window/cabinet (max distance = 3/4") and within the recommended distance (Pages 2-3) from your HUB/Gateway.
- Walls, furniture, and other obstructions may affect the communication between the sensor and your HUB/Gateway, so please keep this in mind.

### ◀ STEP 3 ▶ ADDING (INCLUDING) TO THE NETWORK & COMPLETING THE SETUP PROCESS

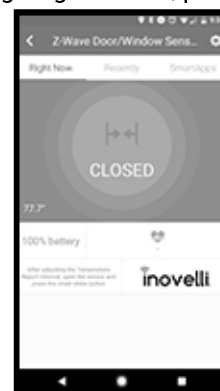
- Now we'll start the inclusion process for your NZW1201 Door/Window + Temperature Sensor
  - Open up your SmartThings app and click on the, "**My Home**" tab followed by the, "**Things**" tab
  - Scroll to the bottom and click on, "Add a Thing"
  - Insert the battery into your NZW1201 and auto-inclusion will activate. You will have 30 seconds before it times out. If it does time out, the backup method to pair/include the device is to press the manual button (B) 3 times within 1 second.
  - You should now see that your device is detected (it should say, "**Z-Wave Door/Window Sensor**")
    - However, if your device says, "Inovelli Door/Window Sensor" then you can skip Step 5 (we are working with ST to publish our handler so that it will automatically show up when you pair).
    - After your device is detected, press, "**Save**" (or if you'd like to rename your device, please do so and click, "**Save**")
    - Once you click, "**Save**" a pop-up will appear asking you to, "**Confirm Paired Devices**" -- Click, "**OK**"
    - Now, you should be back at the, "**My Home**" screen and you should be able to see your switch!
- **AGAIN:** If you have issues with pairing/including, please move as close as possible to the HUB and try again -- you can move to your final location when complete

### ◀ STEP 4 ▶ RUN A Z-WAVE REFRESH TO UPDATE YOUR MESH NETWORK WITH YOUR NEW PLUG

- This step is highly recommended whenever a new Z-Wave device is added to your network. It tells your HUB to re-map the network which, ultimately, will make your network faster and more efficient.
  - **Make sure your plug is in its final location before running the Z-Wave Refresh.**
  - In the SmartThings app, click on the, "**Menu**" button, followed by, "**Hub is Online**"
  - Then click, "**Z-Wave Utilities**" followed by, "**Repair Z-Wave Network**" and then, "**Start Z-Wave Network Repair**"
  - Wait 20 minutes for your SmartThings HUB to re-map (rediscover) the network (DO NOT touch anything on your network).
  - Congratulations! You now have a smart outdoor plug!

### ◀ STEP 5 - ADDING THE DEVICE HANDLER ▶ TO USE THE TEMPERATURE FEATURE A DEVICE HANDLER IS REQUIRED

- This step will hopefully not be needed at the time this is in market as we're working with SmartThings to publish our handler, but just in case it is not published in time, you will have to add a custom handler since currently, SmartThings does not have a built in program to detect a door/temperature sensor. The URL below will take you to step-by-step written/video instructions.
- If your device was detected as, "**Inovelli Door/Window Sensor**" (or something similar with our brand name), you will NOT need a handler.
- If your device was detected as, "**Z-Wave Door/Window Sensor**" you will need to install the handler.
- **For written/video instructions, please visit:**  
[www.inovelli.com/nzw1201-setup/smartthings/device-handler-installation](http://www.inovelli.com/nzw1201-setup/smartthings/device-handler-installation)
- Or, follow below -- again, hopefully by the time this is released, we won't have to worry about installing anything!
- Start by opening two tabs on your computer.
  - **The first tab will be:** <https://graph.api.smartthings.com>
  - **The second tab will be:** <http://bit.ly/2zA6VWJ> (sorry, long URL -- it's a GitHub link)
- Go to the first tab (SmartThings IDE) and follow these directions:
  - Click on the green login button (top right)
  - If you have an account, please login -- if not, please sign up (it's free) and use the same login as your SmartThings phone app
  - Once logged in, click on, "**My Locations**" (top left of the screen) -- you should see the HUB's location there
  - Click on your HUB's location underneath where it says, "**Name**" -- you may be prompted to login again -- if so, please login
- Now we're going to install the device handler:
  - First click on, "**My Device Handlers**" located at the top, in the middle of the screen
  - Click the green button titled, "**Create New Device Handler**"
  - Click on, "**From Code**"
  - **SWITCH TO TAB #2 (GitHub)** and copy all 295 lines of code
  - **SWITCH BACK TO TAB #1 (IDE)** and paste the code in the white space
  - After you've pasted the code, click, "**Create**"
  - Then click, "**Publish**" and then, "**For Me**"
- Finally, we're going to change the device type and we'll be done -- almost there!
  - Click on, "**My Devices**" (top of the screen -- TAB #1 - IDE)
  - Find the, "**Z-Wave Door/Window Sensor**" you installed and click on it
  - Click on, "**Edit**" at the bottom
  - Click on the drop down menu under, "**Type**" (about halfway down) and select, "**Inovelli Door/Window Sensor**"
  - Click, "**Update**" and you're done!



## General HUB/Gateway Quick Setup

Remember, DO NOT insert the battery until you see this icon 

The below instructions will allow you to pair/include your NZW1201 with any Z-Wave enabled HUB.

**\*\* IMPORTANT: If you are having issues pairing/including your device, please try moving the device as close as possible to the HUB. 95% of the pairing/including failures stem from this issue. Once you've paired/included, you can move to your final location. However, please make sure the device is within your estimated range (page 2-3) \*\***

### ◀ STEPS 1 & 2 ▶

#### GATHER YOUR MATERIALS, FIND AN APPROPRIATE OUTLET, AND PLUG IN LAMPS OR APPLIANCES

- Materials Needed: Cell Phone/Tablet/Computer, and a Z-Wave enabled HUB/Gateway.
- Locate a door/window/cabinet (max distance = 3/4") and within the recommended distance (Pages 2-3) from your HUB/Gateway.
- Walls, furniture, and other obstructions may affect the communication between the sensor and your HUB/Gateway, so please keep this in mind.

### ◀ STEP 3 ▶

#### ADDING (INCLUDING) TO THE NETWORK & COMPLETING THE SETUP PROCESS

- Now we'll start the inclusion process for your NZW1201 Door/Temperature Sensor.
  - Start the Inclusion process on your HUB/Gateway
  - ⚡ ➤ Insert the battery into your NZW1201 and auto-inclusion will activate. You will have 30 seconds before it times out. If it does time out, the backup method to pair/include the device is to press the manual button (B) 3 times within 1 second.
- **AGAIN:** If you have issues with including, please move as close as possible to the HUB and try again -- you can always move to your final location when complete

### ◀ STEP 4 ▶

#### START A Z-WAVE REFRESH ON YOUR NETWORK

- This step is highly recommended whenever a new Z-Wave device is added to your network. It tells your HUB to re-map the network which, ultimately, will make your network faster and more efficient. The process will vary based on your HUB/Gateway, so please check with the manufacturer to determine how to do this.

## Wink Quick Setup

Remember, DO NOT insert the battery until you see this icon 

The below instructions will allow you to pair/include your NZW36 with your Wink HUB. Remember, for the most up to date instructions, please visit our website as occasionally Wink updates their app.

**\*\* IMPORTANT: If you are having issues pairing/including your device, please try moving the device as close as possible to the HUB. 95% of the pairing/including failures stem from this issue. Once you've paired/included, you can move to your final location. However, please make sure the device is within your estimated range (page 2-3) \*\***

### ◀ STEPS 1 & 2 ▶

#### GATHER YOUR MATERIALS, FIND AN APPROPRIATE OUTLET, AND PLUG IN LAMPS OR APPLIANCES

- Materials Needed: Cell Phone/Tablet, and a Wink HUB (V1 or V2).
- Locate a door/window/cabinet (max distance = 3/4") and within the recommended distance (Pages 2-3) from your HUB/Gateway.
- Walls, furniture, and other obstructions may affect the communication between the sensor and your HUB/Gateway, so please keep this in mind.

### ◀ STEP 3 ▶

#### ADDING (INCLUDING) TO THE NETWORK & COMPLETING THE SETUP PROCESS

- Now we'll start the inclusion process for your NZW1201 Door/Temperature Sensor
  - Open your Wink app, click on the menu, scroll to the bottom and click on, **"Add to Wink"**
  - Next select, **"Safety & Security"** followed by, **"Sensors"** and finally, **"Generic Z-Wave Sensor"**
  - Then click, "Next" (where it says, **"Refer to the product manual..."**)
  - On the, **"Select HUB"** screen, select your HUB of choice, followed by, **"Next"** then click, **"Next"** again, followed by, **"Connect Now"** & your HUB will start flashing BLUE
  - ⚡ ➤ While your HUB is flashing, Insert the battery into your NZW1201 and auto-Inclusion will activate. You will have 30 seconds before it times out. If it does time out, the backup method to pair/include the device is to press the manual button (B) 3 times within 1 second.
  - If successful, your HUB will flash GREEN & say, "Success" -- Choose where you'll put your sensor and go ahead and name your switch
- Your sensor will show up in the Wink App under the, **"Sensors"** tab under the menu.
- The sensor's temperature reading will show up under the, **"Avg Temp"** part
  - **Please note: Sometimes it takes 24hrs for the temperature to become accurate, so please give it time if you see it's off**
  - To create robots for temperature, please click on the actual sensor within the **"Sensors"** tab and then, **"Make a New Robot"**
- The sensor's Open/Close Status will show up under the, **"Doors Sensor"** (or whatever you choose - ie: Window) section
- **IMPORTANT:** Sometimes Wink will give you the error, **"This is taking longer than expected"** if your HUB flashed GREEN, exit out of the app and re-open it. You should see your switch there (named, "Switch") -- feel free to rename it by holding down on it for 3 seconds
- **AGAIN:** If you have issues with pairing/including, please move as close as possible to the HUB and try again -- you can move to your final location when complete

### ◀ STEP 4 ▶

#### RUN A Z-WAVE REFRESH TO UPDATE YOUR MESH NETWORK WITH YOUR NEW PLUG

- This step is highly recommended whenever a new Z-Wave device is added to your network. It tells your HUB to re-map the network which, ultimately, will make your network faster and more efficient.
  - **Make sure your sensor is in its final location before running the Z-Wave Refresh.**
  - In the Wink app, click on the, **"Menu"** button, followed by, **"Hubs"** and then, settings (gear icon)
  - From the settings menu, click on the actual HUB you paired your device to
  - Scroll down and select, **"Z-Wave Controls"** and then press, **"Z-Wave Network Rediscovery"**
  - Wait 20 minutes for your Wink HUB to re-map (rediscover) the network (DO NOT touch anything on your network).
  - Congratulations! You now have a smart door/temp sensor!

**NOTE:** Sometimes with sensors, you will have to wait until the sensor is triggered (open/closed) before the HUB knows where it is. Best practice is to make sure you have a strong mesh network or your sensor is within the recommended range (Pages 2-3)

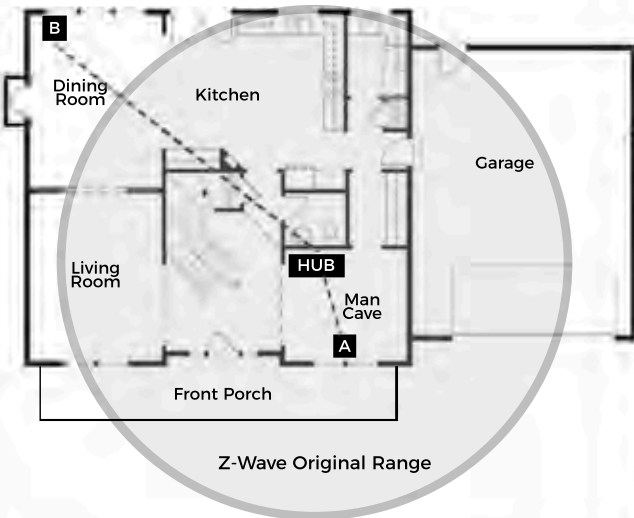
Z-Wave Range Worksheet

Feel free to use the below worksheet to give an estimate on where you can put your Z-Wave Door Sensor relative to your HUB (or other Z-Wave repeater). Below is an example of how to use the sheet, using, "Example 1" from Page 2.

Example #1 -- Original Z-Wave Range

Based on the example chart to the right, you can see that, "Door Sensor B" is out of range as the signal would only reach to about the dining room.

- HUB** Your Z-Wave Enabled HUB
- A** Inovelli Door Sensor #1
- B** Inovelli Door Sensor #2



| Starting Distance | Obstacle            | Signal Depreciation | Ending Distance |
|-------------------|---------------------|---------------------|-----------------|
| 100m // 328ft     | Inner Wall          | 40%                 | 60m // 197ft    |
| 60m // 197ft      | Inner Wall          | 40%                 | 36m // 118ft    |
| 36m // 118ft      | Wood Stairs         | 60%                 | 14m // 47ft     |
| 14m // 47ft       | Inner Wall          | 40%                 | 9m // 28ft      |
| 9m // 28ft        | Wood Cabinet        | 50%                 | 5m // 15ft      |
| 5m // 15ft        | Wood Table & Chairs | 60%                 | 2m // 7ft       |

For the starting Distance, use 100m. Then look directly from your HUB to wherever you'd like to put the outlet and see what obstacles are in the way. Then list those obstacles on the worksheet below (using the charts from Page 2).

| Starting Distance | Obstacle | Signal Depreciation | Ending Distance |
|-------------------|----------|---------------------|-----------------|
|                   |          |                     |                 |
|                   |          |                     |                 |
|                   |          |                     |                 |
|                   |          |                     |                 |
|                   |          |                     |                 |
|                   |          |                     |                 |
|                   |          |                     |                 |
|                   |          |                     |                 |
|                   |          |                     |                 |
|                   |          |                     |                 |

Best Practices for Pairing your NZW1201 Door/Temperature Sensor

Now that you've read how to calculate the Z-Wave range and have determined the best location to put your sensor, it's important to understand some best practices of how to pair this device. Below are a few things to keep in mind when you start your individualized pairing instructions (Pages 4-5).

- 1) Auto-Inclusion (ie: Network Wide Inclusion)**  
This sensor is equipped with Auto-Inclusion. What that means is that as soon as you insert the battery for the first time, it will initiate its pairing/inclusion process and start sending signals to the HUB that it wants to be paired/included. You will have 30 seconds to start the inclusion process on your phone/computer before it times out. So, we suggest you start the inclusion process first, and when your HUB is actively looking for the signal, then insert the battery. We will indicate this in your step by step instructions with a icon, indicating you should insert the battery.
- 2) Calculate the Maximum Distance From the Worksheet Above and Place Well Within That Distance**  
Please use the worksheet above to calculate your maximum distance. This will save us both the headache of offline sensors. Remember to add all objects that could potentially be in the way and it's our recommendation to be conservative with the distance numbers.
- 3) Run a Z-Wave Refresh After Successfully Pairing/Including and Your Plug is at its Final Location**  
When you have successfully paired/included your device and have moved it to its final location, it's important to run a "Z-Wave Refresh" on your network. In summary, your HUB/Gateway assigns a NodeID to every single Z-Wave device and catalogs those NodeID's into a table to access later when it's sending/receiving information from each. It catalogs where each NodeID is and what neighbors it has around it so that the transmission signals are efficient. Running a "Z-Wave Refresh" will tell the HUB to re-catalog the various devices (NodeID's) and update where each device is to, again, optimize the transmission path. **NET:** Run this when your sensor is in it's final location and wait 20 minutes for the path to optimize. **NOTE:** You may need to wait until your sensor wakes up for it to be seen by the HUB after a Z-Wave Refresh.
- 4) If You Run Into Any Issues, We're Here to Help... Seriously.**  
A lot of problems can be easily taken care of. Whether it's through troubleshooting or a replacement device, we're here to make sure you're setup for success. I know this is an art that has been lost over the years with online companies, but if you do a quick search on Amazon on our listing for, "Customer Service", you'll see many people who call it out. So, from the bottom of our hearts, we are here for you and want your house to be the smartest house on the block. Our email address is at the bottom of the page. We typically respond within an hour during the day as our phones are glued to us!

About Z-Wave

Z-Wave is an incredible technology. With it powering your home, you can choose from over 600 companies and 2100 products, all of which will work with each other. The more devices, the more stable the network. The purpose of this portion of the manual is to help you understand how Z-Wave works (in laymans terms) as well as help you organize an efficient Z-Wave network, setting you up for success in the long run. Afterall, we're assuming you'll want more than one smart home device! Let's get started.

Z-Wave Network | Using Devices that Repeat Signals (NOTE: This sensor IS NOT a signal repeater)

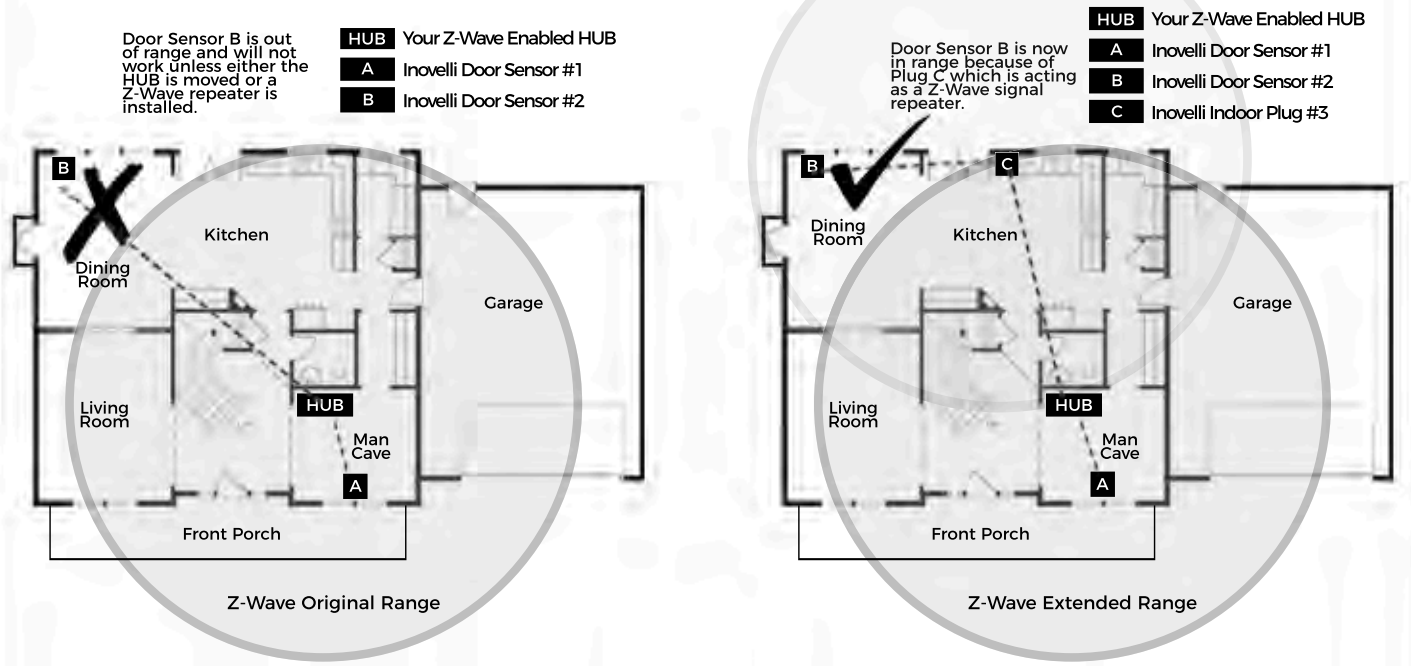
As referenced in the Intro, Z-Wave can be used with a few devices or it can be used to build a large network. Below you'll see two examples. In the first example, a user has a HUB which is looking for Z-Wave devices within its radius. Z-Wave devices outside this radius will not be found and need to either be moved within the radius, or use a repeating device to reach it. The second example shows how a repeater can be used to reach a device outside of the initial radius. Keep this in mind when building your own network and make sure to use the range estimator below.

Example #1 -- Original Z-Wave Range

In this example, "Door Sensor A" will work because it is in range of the HUB's Z-Wave antenna, whereas, "Door Sensor B" will not because it is out of the HUB's Z-Wave antenna. To bring, "Door Sensor B" into range, you will either have to move the HUB or put a Z-Wave repeater along the path as shown in Example #2.

Example #2 -- Extended Z-Wave Range

In this example, "Plug B" will now work because it's using, "Plug C" as a repeater to repeat signals to and from the HUB.



**NOTE:** Z-Wave range will never be a perfect circle due to walls, furniture, etc. The above is for reference only, please use the Range Estimator below and the Worksheet on Page 3 for a better idea of where to place your outlet or whether or not those outlets will be in range.

Z-Wave Range Estimator

Please use the below information to determine the depreciation of the Z-Wave signal. Z-Wave devices should have a distance of approximately 100m (328ft) without any obstacles in the way. Using the below information, if a signal has to travel through an inner wall, it will lose approximately 40% of its signal. Therefore, 100m multiplied by (100% - 40%) = 60m (197ft). Do this for every wall, window, etc and you will have your approximation. There's a worksheet on Page 3 that will help. As always, this is just an estimate. Depending on the manufacturer's quality for your other Z-Wave products, your signal may vary.

| Material                    | Thickness       | Signal Depreciation | Material   | Thickness       | Signal Depreciation |
|-----------------------------|-----------------|---------------------|------------|-----------------|---------------------|
| Aerated Concrete Stone      | < 30cm // 11.8" | 20 %                | Metal Grid | < 1mm // 0.04"  | 90 %                |
| Aluminum Coating            | < 1mm // 0.04"  | 100 %               | Outer Wall | < 30cm // 11.8" | 60 %                |
| Ceiling                     | < 30cm // 11.8" | 70 %                | Plaster    | < 10cm // 3.9"  | 10 %                |
| Furniture (non-wood)        | < 30cm // 11.8" | 40-60%              | Pumice     | < 30cm // 11.8" | 10 %                |
| Glass (w/out metal coating) | < 5cm // 2.0"   | 10 %                | Red Brick  | < 30cm // 11.8" | 35 %                |
| Inner Wall                  | < 30cm // 11.8" | 40 %                | Stone      | < 30cm // 11.8" | 30 %                |
| Iron Reinforced Concrete    | < 30cm // 11.8" | 30-90 %             | Wood       | < 30cm // 11.8" | 40-60 %             |

Thank You.

Thank you for taking the chance on us. We are truly humbled to be a part of your smart home journey and know that out of the many companies out there, you trusted us to make your life simpler and we don't take that for granted. Our mission is to provide the best products, with the best customer support, at the best prices. Sure, every company says that... but we'd like to think we're different. Why? Well, because we have our own smart homes, with our own desires to make our life simpler through home automation. We wake up every day to lights turning on to different colors based on the weather, coffee automatically brewing before we leave for work, and the thermostat changing based on our schedules. We take our nerdiness seriously by engaging in online groups and design our products around community suggestions and needs. We don't pretend to be a multi-billion dollar corporation worried about their shareholders and bottom line. We're ok with being the little guy. The underdog. Looking out for the best interests of people like us... the everyday smart home enthusiast who is passionate about moving the industry forward and we wouldn't have it any other way. So again, from the bottom of our hearts, thank you for trusting us.

- Team Inovelli

Meet Your NZW1201

Below you'll find the basics about your NZW1201, followed by in-depth setup instructions for your specific HUB.

**Exterior View**

**Interior View**

**LED (A)**  
The LED is used to signal the opening and closing of the sensor as well as successful pairing to the HUB.

**Manual Button (B)**  
Use this to exclude/include and manually set the time between temperature reportings.

**Battery (C)**  
Insert battery after inclusion process has started (this device is equipped with auto-inclusion). Replace with 1/2 AA Battery (CR14500).

**Magnets (D)**  
This is what is used to detect whether the sensor is open or closed. Please align both magnets when installing and make sure the distance is no more than 3/4" (inches).

Maximum Distance between the large sensor and small sensor is: **3/4" (inches)**

**Custom Options**

This device has the following manual options available for customization:

1) Change polling time for temperature (Default polling = 4hrs)

Press (B) 4x = Change to 2hrs  
Press (B) 5x = Change to 1hr  
Press (B) 6x = Change to 30min  
Press (B) 7x = Change to 15min  
Press (B) 8x = Change to 10min  
Press (B) 9x = Change to 5min  
Press (B) 10x = Change to 1min

\*Please note, the shorter the polling time, the shorter the battery life.

In addition, there are parameters that can be set to change the following (please see page 6 for a full list):

1) Disable LED  
2) Change polling time\*

\*Change to a more customized polling time than the pre-defined times above (NOTE: Must be 60s intervals)

HUB Specific Instructions

All HUB's are different. So, why should your instructions be the same? Below you'll find three (3) different QR Codes along with URL's to their respective landing pages which will walk you through **video and written instructions** on how to setup your NZW1201. Or, if you'd like to follow along on Page 4 & 5 of this instruction manual, that's fine too. As always, if you run into any trouble, please reach out to us at: [contact@inovelli.com](mailto:contact@inovelli.com).

SmartThings



[inovelli.com/nzw1201-setup/smarththings](https://inovelli.com/nzw1201-setup/smarththings)

Wink



[inovelli.com/nzw1201-setup/wink](https://inovelli.com/nzw1201-setup/wink)

Other\*



[inovelli.com/nzw1201-setup/other](https://inovelli.com/nzw1201-setup/other)

**NOTE: If you're not using SmartThings, or Wink, please scan the, "Other" QR Code (however, please make sure your HUB supports temperature reading)**

If you'd prefer to read the instructions on paper, please turn to Page 4. However, please note that SmartThings, Wink & Vera™ regularly update their interfaces, so for the most up to date instructions, we encourage you to go to our website.

