

# Temperature & Humidity Sensor

## User Manual



THIRDREALITY

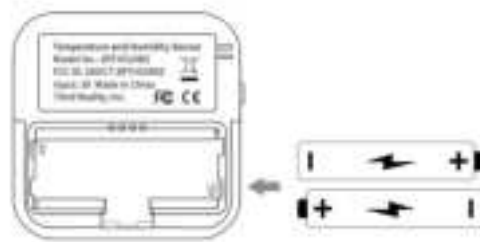
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## Product Overview

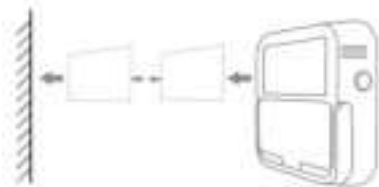


Front View



Rear View

## Installation



## Reset Button



1 Press and hold the reset button on the left side of the sensor for 10 seconds and release the hold.

2 Single press the reset button to switch the temperature display between Celsius and Fahrenheit .

## Specifications

|                       |                                 |
|-----------------------|---------------------------------|
| Name                  | Temperature and Humidity Sensor |
| Model                 | 3RTHS24BZ                       |
| LED Screen            | 48.5mm x 41.0 mm                |
| Dimensions            | 6.15cmx6.15cmx1.8cm             |
| Net Weight            | 64g                             |
| Operating Voltage     | DC 3V                           |
| Battery Type          | AAA battery x 2 (included)      |
| Wireless Connectivity | ZigBee 3.0 2405~2480MHz         |

# Setting up

## Initializing Temp & Humidity Sensor

Power on: Remove the plastic stand on the back of the Temp & Humidity Sensor carefully, open the battery cover on the back, remove the plastic insulation sheet and the sensor is powered on, the blinking cloud icon on the the LED screen indicates the sensor is in pairing mode.

- ① Pairing mode: press and hold the reset button on the left side of the sensor for 5 seconds and release the hold, the blinking cloud icon 切图 on the LED screen indicates the sensor is in pairing mode.
- ② Follow the on-screen instructions to set up your Temperature & Humidity Sensor.

## Pairing with THIRDREALITY

Hub: Third Reality Smart Hub

App: Third Reality App



Pair the Temp & Humidity sensor with Third Reality Smart Hub.

### Pairing

- ① Register and sign in your THIRDREALITY account, and add the THIRDREALITY hub.
- ② Remove the plastic stand on the back of the Temp & Humidity Sensor carefully, open the battery cover on the back, remove the plastic insulation sheet and the sensor is powered on; Or press and hold the reset button on the left side of the sensor for 5 seconds and release the hold; The blinking cloud icon on the the LED screen indicates the sensor is in pairing mode.
- ③ Tap “+” in the upper right in THIRDREALITY App, scroll down to choose the Temp & Humidity Sensor Icon and follow the on-screen instructions to start the pairing process.





## Pairing with Amazon Echo

App: Amazon Alexa App

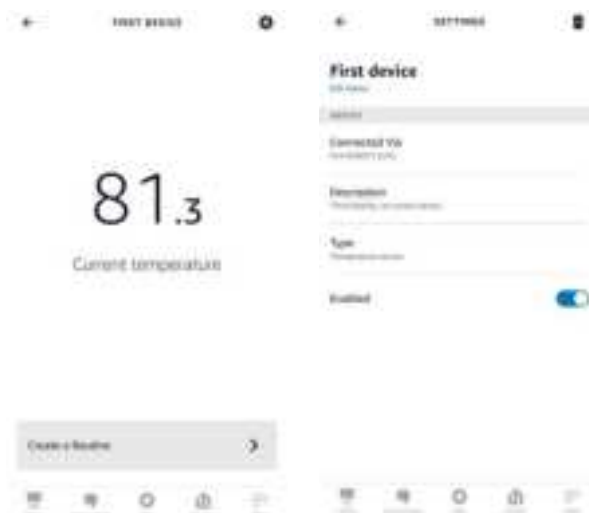
Devices: Echo devices with built-in ZigBee hubs such As Echo V4, Echo Plus V1 & V2, Echo Studio, Echo Show 10, and Eero 6 & 6 pro.



- ① Ask Alexa to check for updates before pairing.
- ② Remove the plastic stand on the back of the Temp & Humidity Sensor carefully, open the battery cover on the back, remove the plastic insulation sheet and the sensor is powered on; Or press and hold the reset button on the left side of the sensor for 5 seconds and release the hold; The blinking cloud icon on the the LED screen indicates the sensor is in pairing mode.
- ③ Ask Alexa to discover devices, or open Alexa App, go to device page, tap “+” on top right, choose “Add Device”, scroll down to the bottom and tap “other”, tap “DISCOVER DEVICES”, the Temp & Humidity Sensor will be paired with your Echo device in a few seconds.



④ Tap device icon to enter the device page, tap the setting icon to enter the settings page, you can edit the name of the sensor; Or you can create routines with the sensor to control other connected devices.



## Pairing with SmartThings

App: SmartThings App

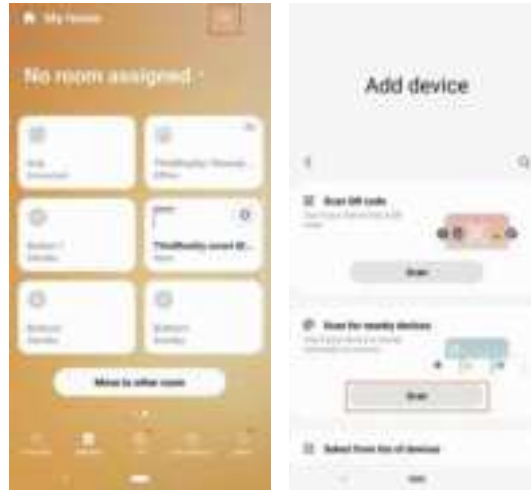
Devices: SmartThings Hub 2nd Gen(2015) & 3rd Gen.(2018), Aeotec Smart Home Hub.



- ① Before pairing, check for updates to make sure the SmartThings Hub firmware is up to date.
- ② Remove the plastic stand on the back of the Temp & Humidity Sensor carefully, open the battery cover on the back, remove the plastic insulation sheet and the sensor is powered on; Or

press and hold the reset button on the left side of the sensor for 5 seconds and release the hold;  
The blinking cloud icon on the the LED screen indicates the sensor is in pairing mode.

- ③ Open the SmartThings App, tap “+” on the upper right corner to ” Add device” and then tap “Scan” to “Scan for nearby devices”.



- ④ The Smart Button will be paired with the SmartThings hub in a few seconds.
- ⑤ Create routines to control connected devices.

## Pairing with Hubitat

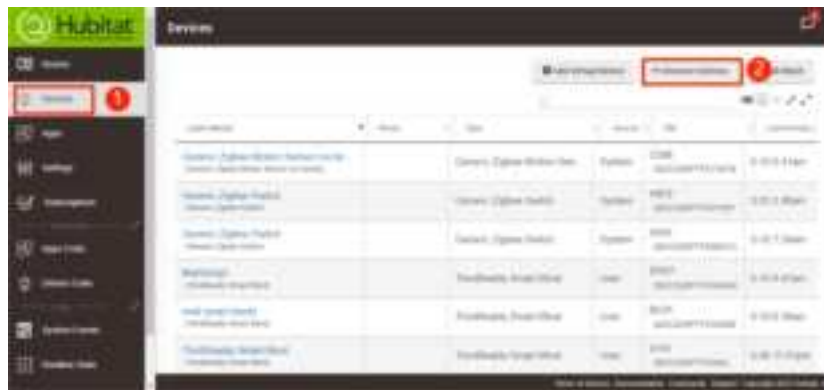
Website: <http://find.hubitat.com/>



### Pairing Steps:

- ① Remove the plastic stand on the back of the Temp & Humidity Sensor carefully, open the battery cover on the back, remove the plastic insulation sheet and the sensor is powered on; Or press and hold the reset button on the left side of the sensor for 5 seconds and release the hold;  
The blinking cloud icon on the the LED screen indicates the sensor is in pairing mode.
- ② Visit your Hubitat Elevation hub device page from your web browser, select the Devices menu item from the sidebar, then select Discover Devices in the upper right.





③ Click Start ZigBee Pairing button after you select a ZigBee device type, the Start ZigBee Pairing button will put the hub in ZigBee pairing mode for 60 seconds.



- ④ After pairing process is completed successfully, you can rename it if needed.
- ⑤ Now you can see the Temp & Humidity Sensor on the Devices page.

## Pairing with Home Assistant



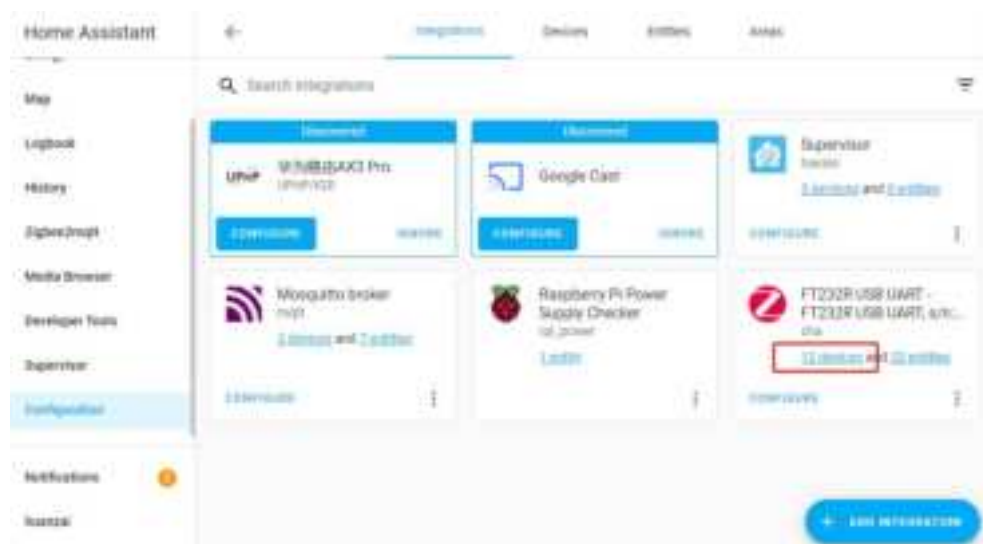
### Pairing steps:

① Remove the plastic stand on the back of the Temp & Humidity Sensor carefully, open the battery cover on the back, remove the plastic insulation sheet and the sensor is powered on, the blinking cloud icon on the the LED screen indicates the sensor is in pairing mode.

② Make sure Home Assistant Integrations ZigBee Home Automation Setup is ready, then go to “Configuration” page, click “**integration**”.



③ Then click the “Devices” on the ZigBee item, the click “Add Devices”.





# Limited Warranty

For limited warranty, please visit [www.3reality.com/devicesupport](http://www.3reality.com/devicesupport)

For customer support, please contact us at [info@3reality.com](mailto:info@3reality.com) or visit [www.3reality.com](http://www.3reality.com)

For help and troubleshooting related to Amazon Alexa, visit the Alexa app.

## FCC STATEMENT:

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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body

## INDUSTEY CANADA STATEMENT:

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 harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation of the device. In addition, this device complies with ICES-003 of the Industry Canada (IC) Rules.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Industry Canada licence-exempt RSS standard(s). 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.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

## INDUSTEY CANADA STATEMENT(French):

Cet appareil est conforme aux normes RSS exemptes de licence d'Industrie Canada. Son fonctionnement est soumis aux deux conditions suivantes : (1) Cet appareil ne doit pas causer d'interférences nuisibles et (2) cet appareil doit accepter toute interférence reçue, y compris les interférences susceptibles de provoquer un fonctionnement indésirable de l'appareil. De plus, cet appareil est conforme à la norme ICES-003 des règles d'Industrie Canada (IC). Tout changement ou modification non expressément approuvé par la partie responsable de la conformité pourrait annuler l'autorité de l'utilisateur à faire fonctionner l'équipement. Remarque : cet équipement a été testé et déclaré conforme aux limites d'un appareil numérique de classe B, conformément aux normes RSS exemptes de licence d'Industrie Canada. Ces limites sont conçues pour fournir une protection raisonnable contre les interférences nuisibles dans une installation résidentielle. Cet équipement génère des utilisations et peut émettre de l'énergie de radiofréquence et, s'il n'est pas installé et utilisé conformément aux instructions, peut causer des interférences nuisibles aux communications radio. Cependant, il n'y a aucune garantie que des interférences ne se produiront pas dans une installation particulière. Si cet équipement cause des interférences nuisibles à la réception radio ou télévision, ce qui peut être déterminé en éteignant et en rallumant l'équipement, l'utilisateur est encouragé à essayer de corriger l'interférence par une ou plusieurs des mesures suivantes : -Réorientez ou déplacez l'antenne de réception. -Augmenter la distance entre l'équipement et le récepteur. -Connectez l'équipement à une prise sur un circuit différent de celui auquel le récepteur est connecté. -Consultez le revendeur ou un technicien radio/TV expérimenté pour obtenir de l'aide. Cet équipement est conforme aux limites d'exposition aux rayonnements RSS-102 établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec une distance minimale de 2. Cet appareil est conforme aux normes RSS exemptes de licence d'Industrie Canada. Son fonctionnement est soumis aux deux conditions suivantes : (1) Cet appareil ne doit pas causer d'interférences nuisibles et (2) cet appareil doit accepter toute interférence reçue, y compris les interférences susceptibles de provoquer un fonctionnement indésirable de l'appareil. De plus, cet appareil est conforme à la norme ICES-003 des règles d'Industrie Canada (IC).

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