



## IN THE BOX

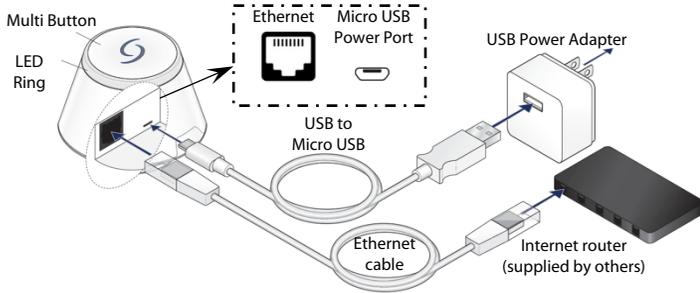
Gateway Module	Ethernet Cable	USB Adapter	USB Power Cable	Installation / User Guide
<b>NOTE:</b> Additional equipment may be required due to building construction or materials, or other radio interference that may reduce the radio range.				

## SAFETY INSTRUCTIONS

Read these instructions **before installing and using** the Gateway and keep this guide in a safe place for future reference.

- **Verify compatibility** with your connected home system before installation.
- Follow all instructions provided by your connected home manufacturer regarding the addition of devices to your connected home system. An authorized, qualified installer may be required.

Salus accepts no responsibility for damage caused by not following these instructions.



## USER ACTIONS

The Gateway can be placed in various states either manually, using the Multi button, or through the SALUS Smart Home App, which is available on Apple or Google App stores.

Press and release	Press for 3 seconds	Press for 10+ seconds
Green flashing – Gateway is in identify mode. Connected devices will flash	Red flashing – Gateway is in Join mode allowing other devices to Join the network	Steady Yellow – Gateway will be reset to factory default settings and rebooting.

## INTRODUCTION

The Gateway, functioning as a Zigbee Co-Ordinator, is the primary component of a Zigbee system. The Gateway creates the Zigbee network, serves as the central hub for Zigbee communications, and creates a bridge to the internet and SALUS Smart Home Cloud. The Gateway hosts a flexible 'Rules engine' that allows users to create 'Automations' that allow data and/or functions from one device, to be used as part of custom control sequences on other devices, using simple, If/Then and And/Or logic.

## CONTROLS, CONNECTIONS, AND INDICATORS

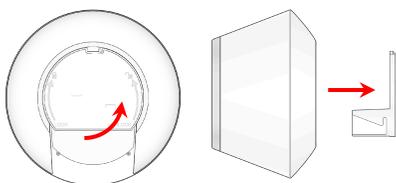
The **Multi button** on top of the Gateway is used to initiate various modes. These are, to identify devices on the network, to Pair compatible devices to the network, and to reset the Gateway to factory default settings.

The **LED Ring** will turn different colors to indicate the Gateway status.

The **Ethernet Port** and **Micro USB power port** are located under the port cover.

## CONNECTING THE GATEWAY

To access the network and power ports, remove the port cover.



Connect the network cable first. Plug one end of the Ethernet cable into the Gateway, the other end into an internet router (provided by others).

Next plug the micro USB end of the USB cable into the Gateway port and plug the other end into the USB power adapter, or USB power adapter rated 5V @ 1A

## GATEWAY INITIALIZATION

After power is applied, the Gateway will go through an initialization process. The LED ring provides an indication of the connection status.

Green – during initial power up	Red – connected to internet, connecting to Cloud server	Blue – connected to Smart Home Cloud, initialization complete

## LOCATING THE GATEWAY

The Gateway must be placed in an area where it can receive power through the 5V micro-USB port, and initially, an Ethernet port. Once activated using the SALUS Smart Home App, the Gateway may be connected to a 2.4GHz WiFi network allowing it to be placed in a more convenient location.

For best network coverage, the Gateway should be placed in a central location. Typical coverage inside is 100-foot (30m) radius around the Gateway. Wall, floor, and ceiling construction may reduce the effective coverage area. Devices that function as Routers or Repeaters may be used to extend the network coverage.

It is best to place the Gateway in a location away from devices that may generate significant electrical interference.

## USING THE GATEWAY

While the Gateway can operate in a stand-alone mode, it is most often connected to the SALUS Smart Home Cloud allowing monitoring and control to be done using the SALUS Smart Home App. In stand-alone mode the user can initiate **Join**, **Identify**, and **Factory Reset** commands. When connected to the SALUS Cloud the Smart Home App provides the user interface for provisioning, monitoring and control of the Gateway and devices connected to it.

## Stand-alone operation

Pressing the Multi button for longer than 3 seconds but less than 10 seconds, places the Gateway in **Join** mode, the LED ring flashes Red. When Join is active, other devices also in Join mode, to attach to the network created by the Gateway. Once Joined, these devices may now communicate and interact with other devices on the network. The Gateway will remain in the Join mode until terminated by pressing the Multi button for 3 seconds and the LED ring turns Blue.

Refer to the individual device instructions for how to initiate the Join mode for each device. On initial power up, or after a Factory Reset, most devices will default to the Join mode.

Pressing the Multi button momentarily will cause the LED ring to flash Green and place the Gateway in **Identify** mode. In Identify mode, all connected devices (except Water Leak, Temperature, and Door/Window sensors) will flash their display or LED to indicate they are associated with the Gateway.

Pressing the Multi button for longer than 10 seconds but less than 13 seconds, will cause the LED to turn steady Yellow and initiate a **Factory Reset** of the Gateway. A Factory Reset clears all the network connections, devices Joined to the Gateway, and Automation rules and resets the Gateway to Factory default settings. The Factory Reset should only be done if the system is configured incorrectly or is unresponsive.

## Connected system with the SALUS Smart Home App

The SALUS Smart Home App allows you to connect the Gateway to the SALUS Smart Home Cloud enabling desktop or mobile access to the Gateway and all connected devices.

### 1. Download the App and create an account

The first step is to download the SALUS Smart Home App and sign up for an account.



The App may be downloaded from either the Apple App Store for iOS devices, or the Google Play Store for Android devices.



You can also create and account using a laptop or PC at: <https://us.salusconnect.io>

### 2. Activate and Register the Gateway

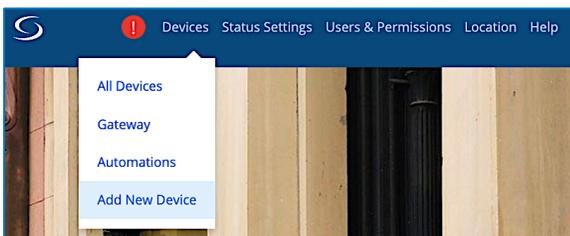
Once you have created your account, the App will prompt you to Activate, then enter location details to register your Gateway.



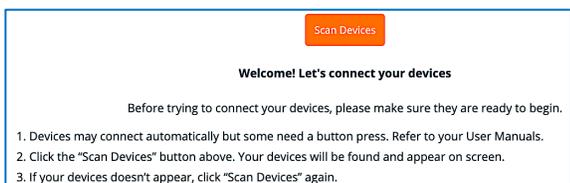
### 3. Add new devices

Once the Gateway has been Activated and Registered, you may Scan for new devices to Add or Join to the network.

In the web App, from your laptop or PC, hover over Devices, in the top menu bar and click on Add New Device



Then click Scan Devices

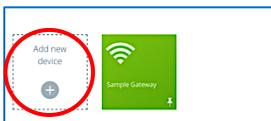


In the mobile App, tap:

The menu button, then the All Devices



On the next page tap Add new device +.



Follow the prompts to select and name the device(s).

## TROUBLESHOOTING

Gateway LED ring is steady Red

- Check the Ethernet cable on both ends
- Check the activity lights on the internet router

Gateway LED ring does not turn Blue

- Check firewall settings, TCP Ports 80 & 443 and UDP Ports 55055 & 55056 must be open to inbound and outbound traffic

Devices will not Join or Pair

- Confirm device Joining Pairing instructions
- Add a Zigbee Router/Repeater to the network
- Relocate the Gateway or device

Devices lose connection after Pairing

- Force rejoin from the device
- Add a Zigbee Router/Repeater to the network
- Relocate the Gateway or device

## SPECIFICATIONS

Operating Conditions	32 – 104°F / 0 – 40°C 10 – 90% humidity (non-condensing)
Storage	-14 – 140 °F / -10 – 60°C
Protocols Supported	ZigBee HA 1.2 profile WiFi 802.11n
RF Freq.	2.4 GHz
Input voltage	120VAC ±10%, 60 Hz
Size	Ø 3.5" x 2.2" / Ø 89 x 56 mm

## FCC Statements

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the 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.
- Consult the dealer or an experienced radio/TV technician for help.

## FCC AND INDUSTRY CANADA

RF Radiation Exposure statement: This equipment complies with FCC and Industry Canada RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the antenna and all persons.

## INDUSTRY CANADA

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.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

## SALUS WARRANTY

SALUS North America, Inc. ("Salus") warrants that for a period of five (5) years ("Warranty Period") from the date of purchase by the consumer ("Customer"), this device, excluding batteries ("Product"), shall be free of defects in materials and workmanship under normal use and service in accordance with all supplied instructions. During the warranty period, Salus shall, at its option, repair or replace any defective Products, at no charge for the device. Any replacement and/or repaired devices are warranted for the remainder of the original Warranty Period or ninety (90) days, whichever is longer.

This warranty does not cover removal or reinstallation costs. This warranty does not apply to any Product (i) which has been modified, repaired, or altered, except by Salus or an authorized Salus representative, (ii) which has not been maintained in accordance with any handling or operating instructions supplied by Salus, or (iii) which has been subjected to unusual physical or electrical stress, misuses, abuse, negligence or accidents.

This warranty is the only express warranty Salus makes for the Product. Any implied warranties, including warranties of merchantability or fitness for a particular purpose, are limited to the Warranty Period or the shortest period allowed by law.

SALUS SHALL NOT BE LIABLE FOR ANY LOSS OR DAMAGE OF ANY KIND, INCLUDING ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING, DIRECTLY OR INDIRECTLY, FROM ANY BREACH OF ANY WARRANTY, EXPRESS OR IMPLIED, OR ANY OTHER FAILURE OF THIS PRODUCT. Some states and provinces do not allow the exclusion or limitation of incidental or consequential damages, or limitation on the duration of implied warranties of merchantability or fitness, so these exclusions or limitations may not apply to you.

No oral or written information or advice given by Salus or a Salus-authorized representative shall modify or extend this warranty. If any term is held to be illegal or unenforceable, the legality or enforceability of the remaining terms shall not be affected or impaired.

Customer's sole and exclusive remedy under this limited warranty is product repair or replacement as provided herein. If a Product under warranty is defective, the Customer may:

- contact the party ("Seller") from which the Customer purchased the Product to obtain an equivalent replacement product after the Seller has determined that the Product is defective and the Customer is eligible for a replacement, or
- contact Salus Service at support@salusinc.com, to determine whether the device qualifies for a replacement. If a replacement is warranted and is shipped prior to the return of the device under warranty, a credit card is required and a hold may be placed on the Customer's credit card for the value of the replacement until the returned device is verified as eligible for replacement, in which case, the Customer's credit card will not be charged.

This warranty gives you specific legal rights, and you may also have other rights that vary from jurisdiction to jurisdiction. If you have any questions regarding this warranty, please write Salus at:

SALUS North America, Inc.  
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