

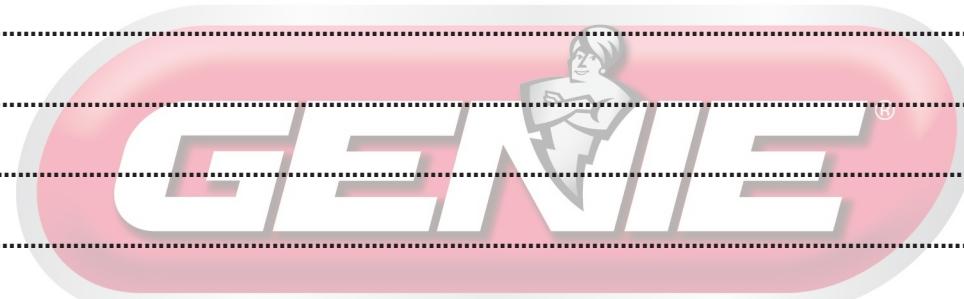


GENIE ALADDIN CONNECT INTEGRATION GUIDE



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Overview

URC's Genie module offers two-way control and feedback of **Aladdin Connect** and **OHD Anywhere** garage door systems.

Module Features:

- **Two-way control** of individual **Garage Doors**
- **Custom macro integration**
- **Queries**
- **Device Events**

Supported Models:

The module is compatible with any **Genie Aladdin Connect** or **OHD Anywhere** enabled device.

URC Compatibility:

URC's Genie Aladdin Connect module is compatible with **Flex 2** and **Accelerator 3** software platforms.

Requirements:

- A configured and operational **Genie Aladdin Connect** operator.
- Access to the **Genie Aladdin Connect** account.

OR

- A configured and operational **OHD Anywhere** operator.
- Access to the **OHD Anywhere** account.



General Information

Module: Genie Aladdin Connect

Developer: URC

Communication: IP

Category: Aux

Module Type: Core

Multiple Module Support: No

Unified: Yes

URC Compatibility: Flex 2 & Accelerator 3

Device Events: Yes

Two-way Module Commands: Yes

Adding & Configuring the Module

TCM files are found on the [URC Dealer Portal](#). Once you have downloaded and imported the file, perform the following steps to add the module to a project:

This module can be added to any new or existing Total Control system.

Adding the [Core]:

Unified Modules utilize a **[Core]** module. The core module contains all the system data that runs and operates the module. Only **one (1) core** is needed to use this module.

Add Other Devices:



1. Select **a room** for the core to be added to.
2. Select **My Database**.
3. Select **IP Database**.
4. Select **Aux** category.
5. Select **Genie**.
6. Select the **Aladdin Connect [Core]**.
7. Select **Add Selected Modules** to add it to the project.



For more information on two-way modules, what they are, where to find them, and how to import them, please review [this guide](#).

Step 4 Add Non-URC Devices - Office

7 a.Add Selected Modules	b.Create New Driver	c.Test
1.Select Room : Office 1 Previous Next	5.Select Brand : BIAMP 5 GENIE MICROSOFT	6.Select Model : ALADDIN CONNECT [Core] 6 OHD ANYWHERE [Core]
2.Select Database : <input checked="" type="radio"/> URC <input type="radio"/> My 2	3.Select Module Type : IP Database 3	4.Select Category : AUX 4

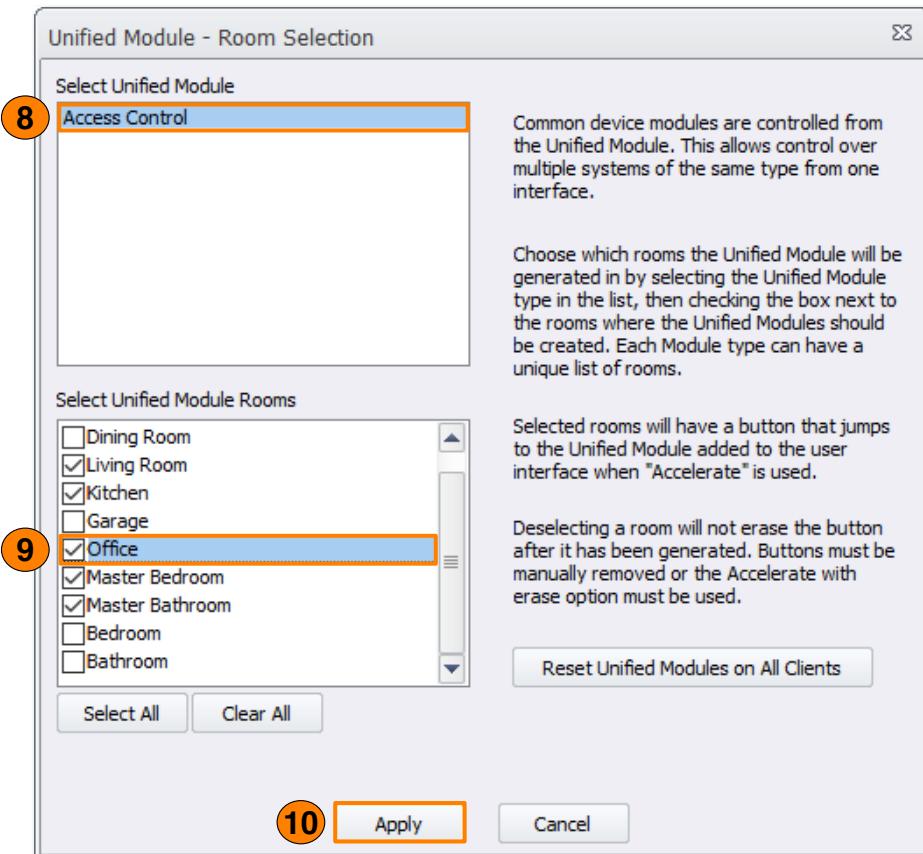


Choose which room in the system to place the module. This two-way device **requires a single (1) Core module** in the system. It is a best practice to place Core module into a room labeled "Core". This room can be hidden later from the properties menu.

8. The **Unified Module - Room Selection** window pops up. This window is asking what rooms to provide access to the unified module.
9. Select rooms for the **Lighting Control** to be displayed in.
10. Select **Apply**.



If needed, this can be modified later in **Step 7: Properties Manager**.



Network Setup:

1. Select **Non URC Device**.
2. Enter a **unique, dummy IP Address** for the **Genie**.
3. The **Port** can be left as is.

Room	Device	IP Address	Port
Control Rack	Power	192.168.18.5	80
Control Rack	NVR	192.168.18.130	80
Control Rack	AVR	192.168.18.160	50...
Office	TV	192.168.5.75	80
Office	Genie	0.0.0.1	0

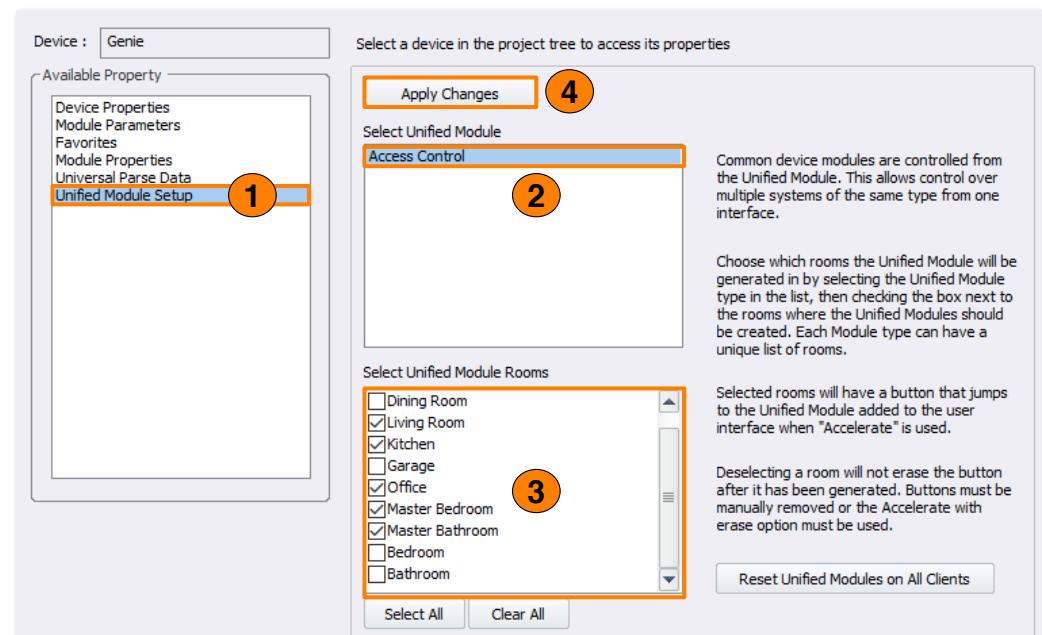
Properties Manager:

This programming step allows the programmer to **add and/or remove the Access Control module from any Room** in the Total Control project.

1. Beneath the **Available Property** section, select **Unified Module Setup**. Although there are various options available, **only Unified Module Setup applies** to the Unified Module Device.
2. Locate the **Select Unified Module** section and select **Access Control**.
3. Under the **Select Unified Module Rooms** section, **check the boxes of the Rooms** that require access to the Unified Module.
4. Select **Apply Changes**.



In **Flex 2**, device properties can be found in **Step 11**.



Edit User Interfaces:1. Select **Accelerate!**

a. Generate Menus & Devices **b. Edit Menus by Room** **c. Edit Device Layouts**

Submenu System Options

Included Submenus

Entertainment :	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Music :	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Lights :	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Comfort :	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Security :	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Info :	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Settings :	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Multiple Displays :	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Timer :	<input type="radio"/> Yes	<input checked="" type="radio"/> No

Submenus are only created if there will be buttons present. Empty submenus are not generated.

If a submenu is set "No" any button that would normally be there will instead be generated on the main menu.

Timers Items

Select an item and a jump to it will be created in the appropriate menu for each room

Sleep Timer
 Event Timer
 Alarm Clock
 Vacation Mode

Choose the setup options for the User Interfaces in the system. When ready press the Accelerate Button

Accelerate! 1

Music Menu Options

Use dedicated Multi-Room Music submenu
This option will create a dedicated submenu for the URC Audio Multi-Room Music available to a room, as well as a Music submenu for local music sources available only to that room.
Edits made to this URC Audio submenu are duplicated in every room's URC Audio submenu; this should reduce the time spent editing this unique submenu.
However it is NOT possible to remove a URC Audio source from the submenu, or add a non-URC Audio source to the submenu.

Use combined Music submenu
This option will create a single Music submenu in all applicable rooms. This submenu will contain both URC Audio sources AND local sources available to that room.
Edits must be made on a per-room basis. There are no GLOBAL changes.



By default, buttons to access the **Access Control** module are placed on the **Main Menu**.

This button can be relocated to a different page or sub-menu by **dragging-n-dropping** it into the desired location.

Keep in mind, if the system is Accelerated with the **ERASE** option, this button **returns to its original position** on the Main Menu.

a. Generate Menus & Devices **b. Edit Menus by Room** **c. Edit Device Layouts**

Main Menu Pages

1. Selected Room : Office **2. Select View : TC Model**

Access Cor (highlighted with an orange border)

Page 1 Page 2

Entertain Settings **Access Cor**
Sleep Time

Hide Main Menu Hide Main Menu

Previous Page Next Page

Macro Editing:

In this section, the steps required to generate macros are provided.

1. Select **Accelerate!**
2. Make additional programming changes as needed within the remaining steps. Once completed, save the project and **Download** to the system.

a.Auto Macro Generation

b.Macro By Room c.Special Macros d.Automation Macros e.TKP-100 Macros

Macro Programming Options

Macro Acceleration Options

- Preserve user edited macros while generating macros.
This option will not erase and generate new versions of macros that appear to have been previously edited. Other macros will be erased regenerated.
Universal Macros will not be affected.
- ERASE ALL existing macros and create new ones using these options.
This will erase all existing macros, including those on the main menu and device layout pages of the user interfaces.
Universal Macros will not be affected.

TV Off Command

- TV Device Power OFF command is generated only for the ROOM OFF macro
- TV Device Power OFF command is generated for ROOM OFF and MUSIC macros

Source Device Power

- Devices are turned ON when needed and turned OFF only when a ROOM OFF command is issued.
- Devices are turned ON as needed and turned OFF when NOT NEEDED, or a ROOM OFF commands is issued.

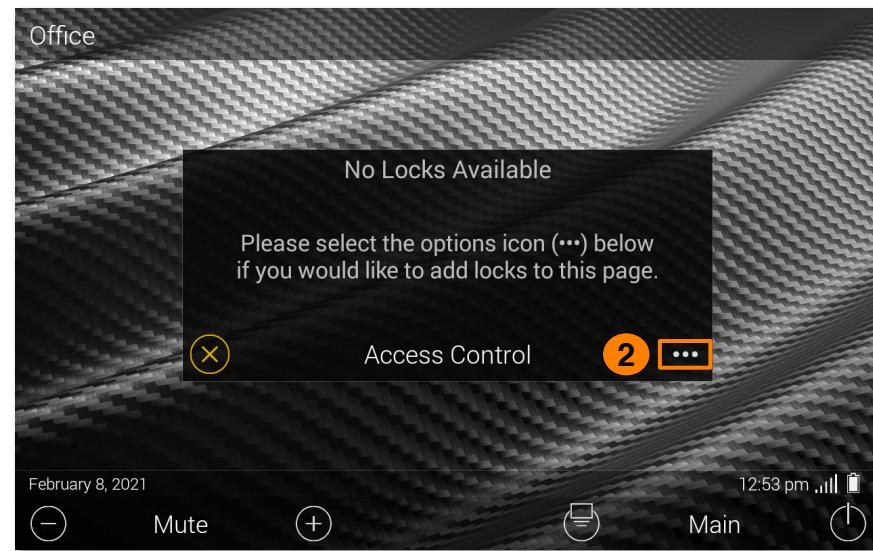
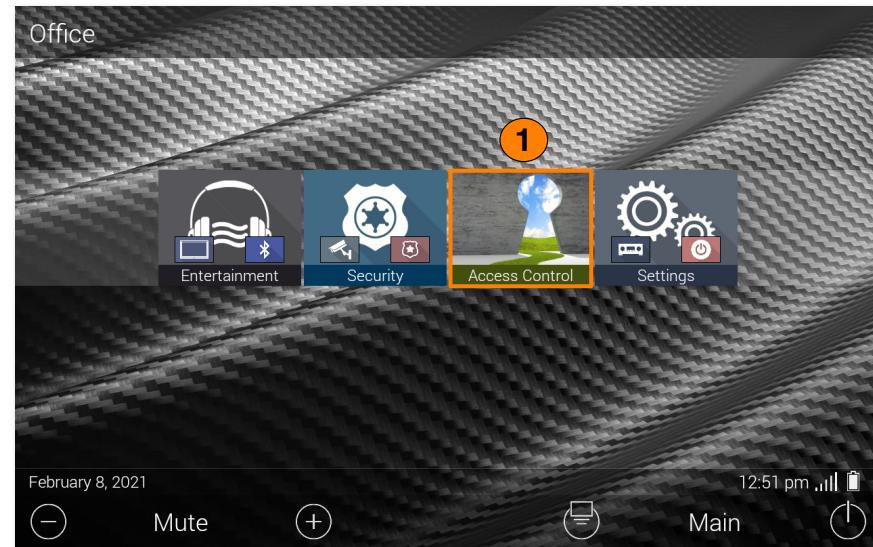
Choose the setup options for auto generation of macros in the system. When ready press the accelerate button

Accelerate! **1**

Linking the System:

Before Total Control is able to physically control the Aladdin Connect system the account must be granted permissions for 3rd party control.

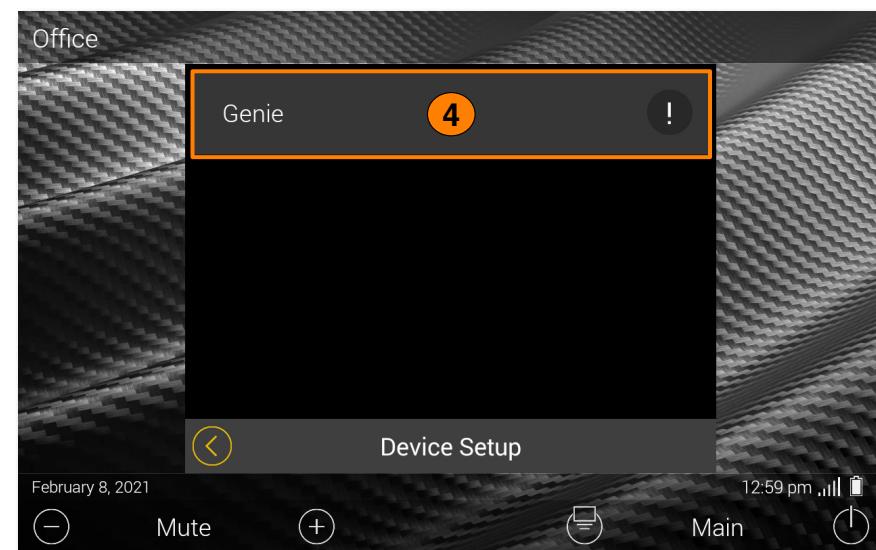
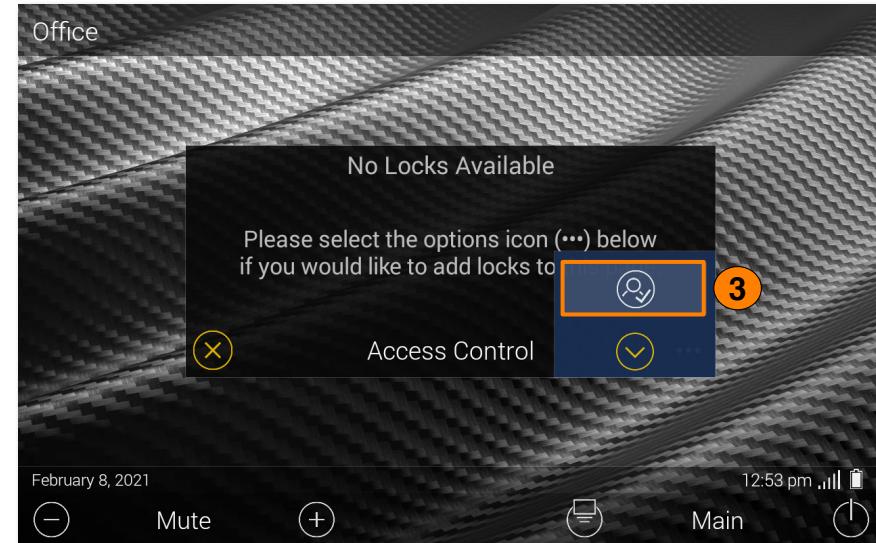
1. Once the system has rebooted, navigate to and select **Access Control**. By default, the icon is located on the **Main Menu** of the room.
2. Select the **Options Menu [...]** in the bottom-right corner of the **Access Control** window.



3. On the menu, select the **Account** icon.
4. Select **Genie** from the **Device Setup** list.



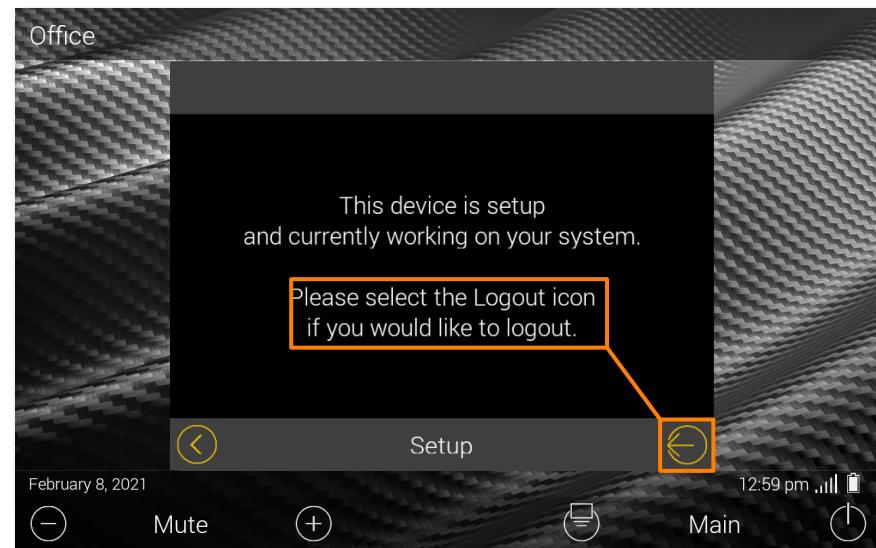
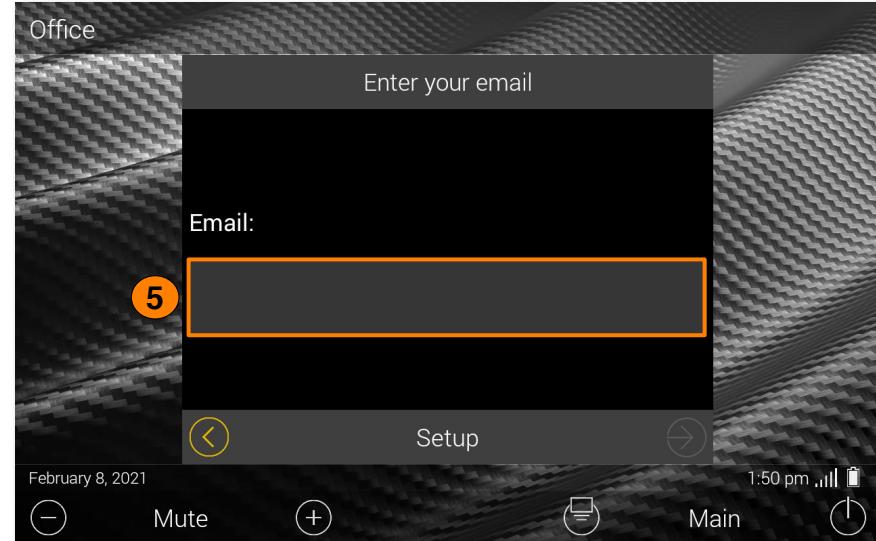
An exclamation point indicates the device **has not** been linked yet.



5. Select the email field. Enter an email address to receive **further instructions** on how to link Total Control with Genie Aladdin Connect. Any accessible email address can be used for this process.
6. Access the email address and follow the directions within the sent email.
7. Once complete, the UI displays a confirmation message stating setup is now complete.



For the **TKP-9600 & TDC-9100**, the entire process is completed with the built-in web browser on the device.



Two-way Module Commands

Two-way module commands are special one-way functions that are derived from the two-way module, and are the only way to send discrete commands to the Aladdin Connect system.

Set Garage Door State: Opens or closes a specific door.

- A) **Serial Number:** The door serial number is located in the **Genie Aladdin Connect** app. When entering the serial number, **use only capital letters** and **numbers**. No special characters, spaces, or symbols.
- B) **Door Number:** The door number is provided by the **Genie Aladdin Connect** app.
- C) **Action:** Provides options for specific door events.
 - **Open:** The action **opens** a specified door.
 - **Close:** The action **closes** a specified door.
 - **Toggle:** The action either **opens** or **closes** a specified door.



The **Serial Number** and **Door Number** are required for all two-way macro commands and device events.

2-Way Module Command

Name :	Door 1	Parameters
Available Devices :	Genie [Office]	Serial Number 0035FF10B0484
Available Command :	Set Garage Door State	Door Number 1
	Set Garage Door State	Action Open Close Toggle
	Get Garage Door State	Description Opens or Closes the specified garage door.
	Get Door Sensor Battery Level	
Result	<input type="checkbox"/> Save the result : int Variable : <input type="button" value="Create Variable"/>	
<input type="button" value="OK"/> <input type="button" value="Cancel"/>		

Query Commands:

Query commands allow the Total Control system to ask a device for information. This information can be saved as a variable, allowing for advanced macro customization based on conditional logic.

Get Garage Door State: Requests the current state of a specific door.

Get Door Sensor Battery Level: Requests the battery level of a specific door sensor.



Query commands, variables, conditional logic, Device Events, and more are **ONLY** available within the **Total Control Experience**. If this option is not available, speak with a **URC Representative** for more details.

2-Way Module Command

Name :

Available Devices :

Available Command :

Parameters

Serial Number :

Door Number :

Description : Returns the specified garage doors state.

Instructions : Enter the garage door controller serial number.

Result

Save the result : string

Variable : Create Variable

OK Cancel

Device Events

The Genie Aladdin Connect module has the ability to trigger custom macros based on events or changes in the system.

On Garage Door Action: Triggers when the specified door action occurs.

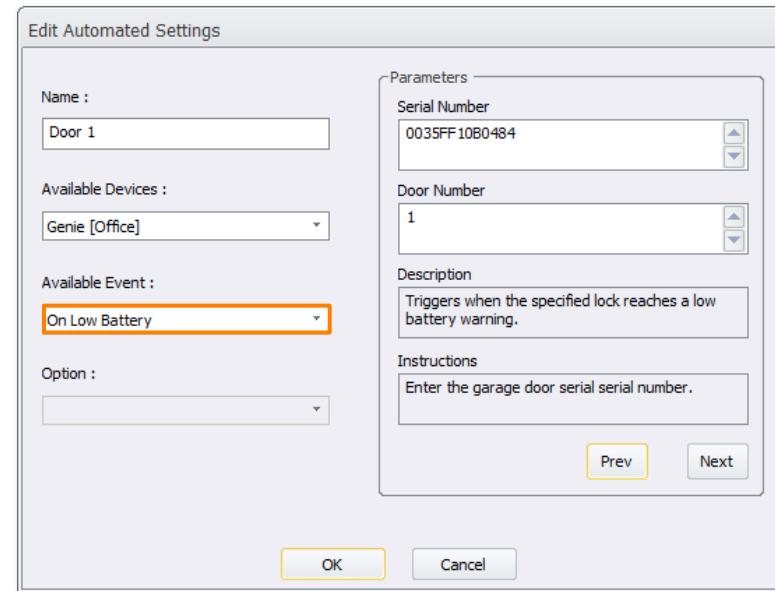
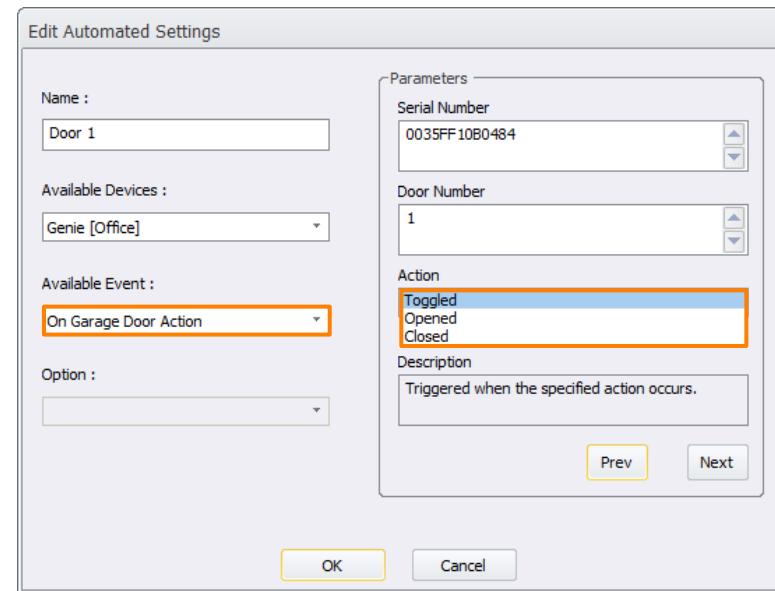
- **Toggled:** The action of the door, either **opening** or **closing**, triggers an event.
- **Opened:** The action of the door **opening** triggers an event.
- **Closed:** The action of the door **closing** triggers an event.

On Low Battery: Triggers when the specified door sensor or operator reaches a **low battery** level.

Training Resources:

For additional information on using macros in automation, and macro theory, refer to the following Self-Paced Tutorials linked below:

- [Making the Most of Two-Way Modules](#)
- [Macro Theory](#)
- [Using Macros in Automation](#)

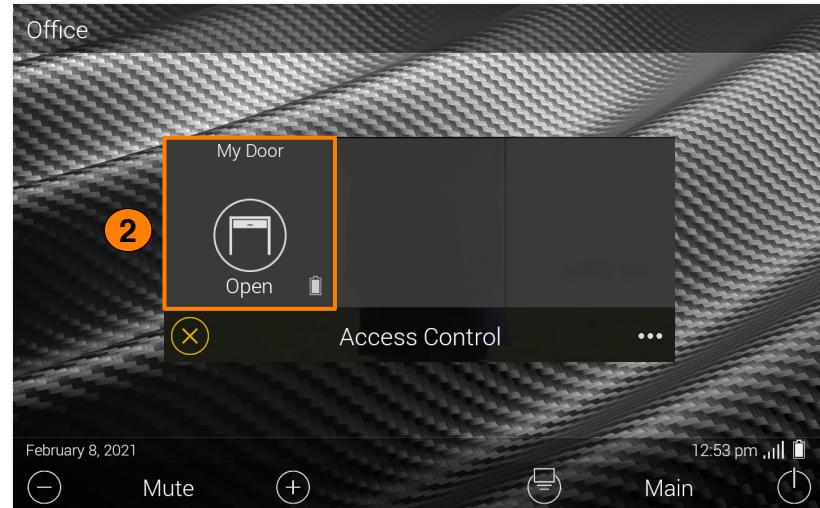
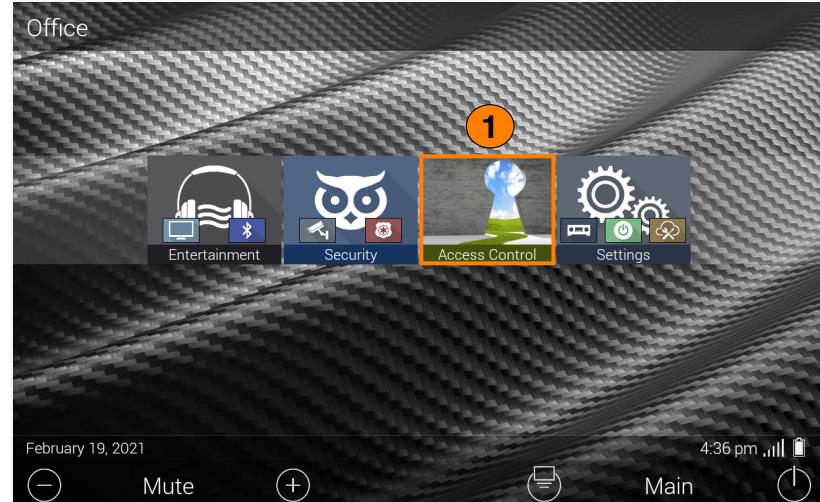


Using the Module

This section of the document explains how to operate and navigate the Genie Aladdin Connect module.

Launching the Module:

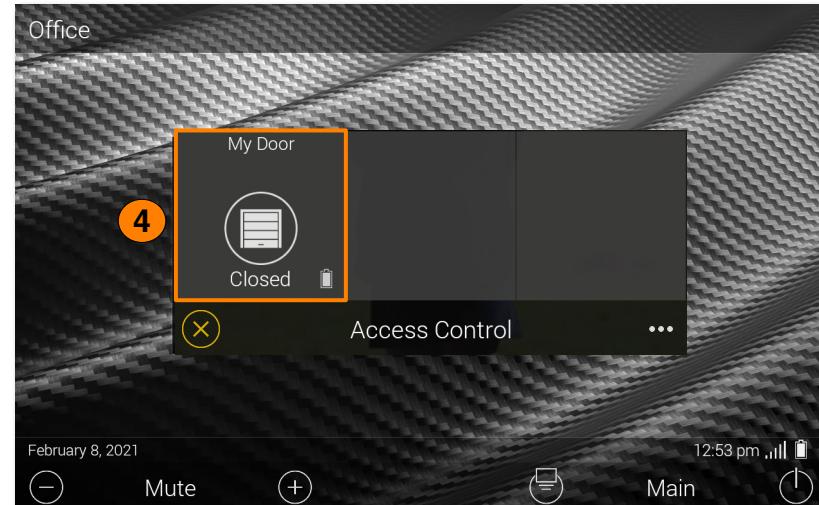
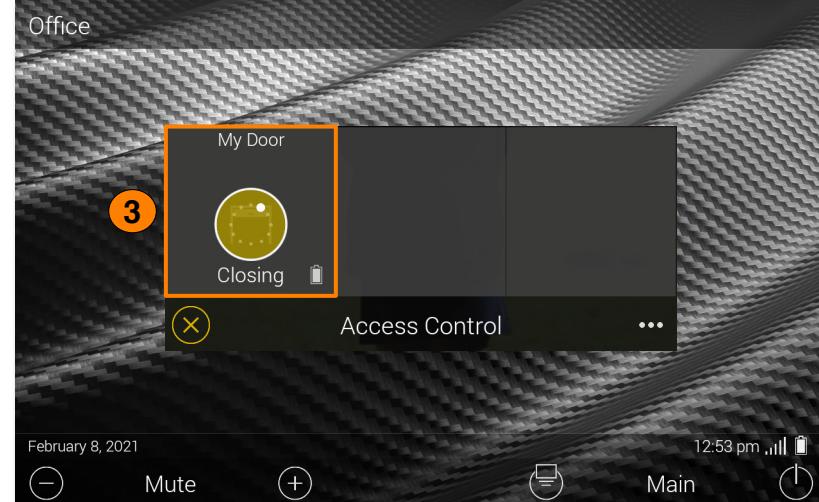
1. Navigate to the room/area where the **Access Control** button is located. Access controls display locks and doors.
2. Select the garage door to control. This prompts a window to **Open** or **Close** the door.



3. When opening or closing a door, a “wait” animation is displayed over the door icon. The Genie Aladdin Connect requires **35+ seconds** to complete the action and return feedback.
4. After completing the action, the door icon reflects the new door state (**open or closed**).



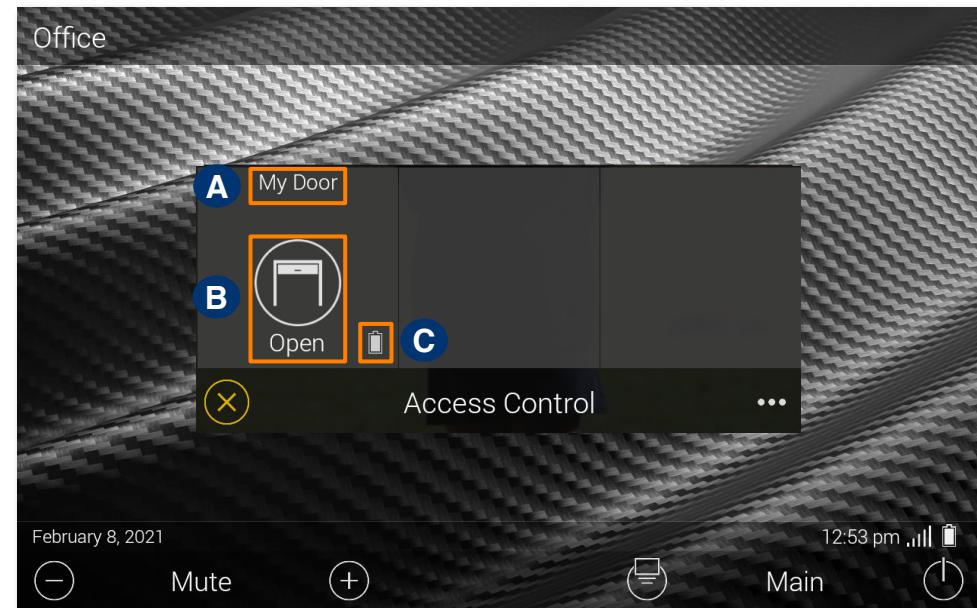
Additional actions outside the module can be executed **while the macro is running** in the background.



Unified Module - Access Control

The Genie Aladdin Connect module displays a reactive icon on the UI, providing information about each specific door.

- A) Door Name:** Shows the name of each door as defined in the Genie or OHD control app.
- B) Door State Toggle:** The door icon reflects the **current state** of each door and, when **tapped**, allows the door state to be **toggled, open or closed**.
- C) Battery Level:** Shows the current battery level of each door sensor or operator. This icon is not displayed for hard-line powered devices.

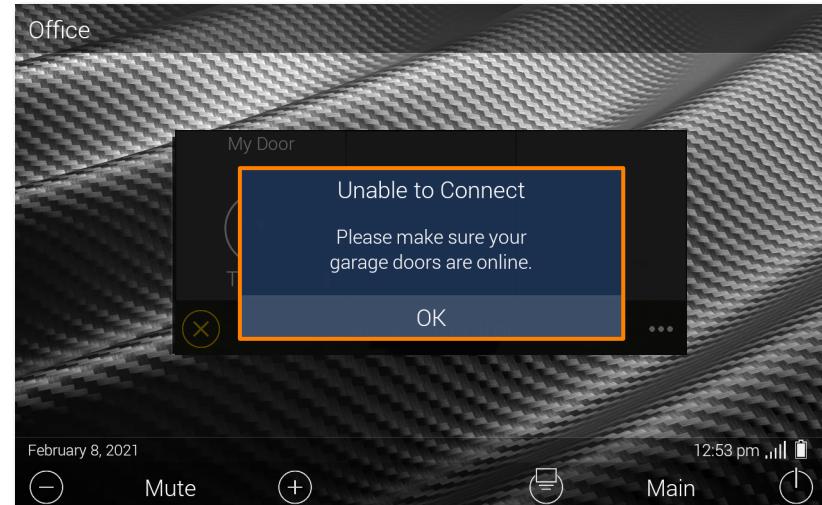
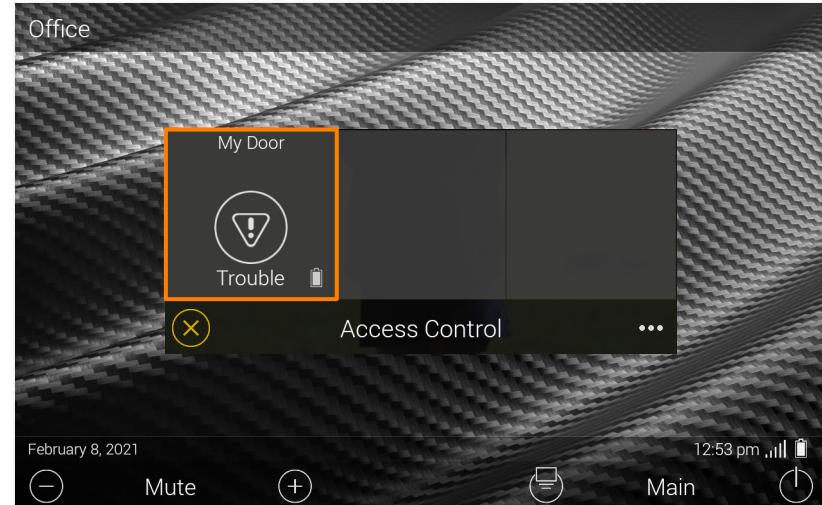


Troubleshooting

Due to the slow nature of garage doors, it is possible for the **Genie Aladdin Connect** to timeout and lose track of the current door state. On any graphical URC UI, the door icon alerts the user with a warning icon and message.

To solve this issue, perform the following:

1. Close the **Genie Aladdin Connect** module on the URC graphical UI.
2. Open the **Aladdin Connect** phone app.
3. Change the **door state** from the **Aladdin Connect** phone app, either **opening** or **closing** the garage door to reset the sensor.
4. Re-open **Access Control** on the UI. The status is now synced correctly.



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