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# How to control authentication result with a third party controller

When you use a Suprema device to send Wiegand signals to a controller, you will always have one LED / Sound type that shows on reading the card regardless of authentication success or failure on the controller side.

In BioStar version 2.4 and above, you can control the device LED / Sound with the controller using the device input.

## Configuring the Device

You must update the firmware of the devices to the versions compatible with BioStar 2.4.

Refer to the **BioStar 2 Overview > Versions** menu in the administrator guide for compatible firmware versions.  
You can access it by pressing the **Help** button.

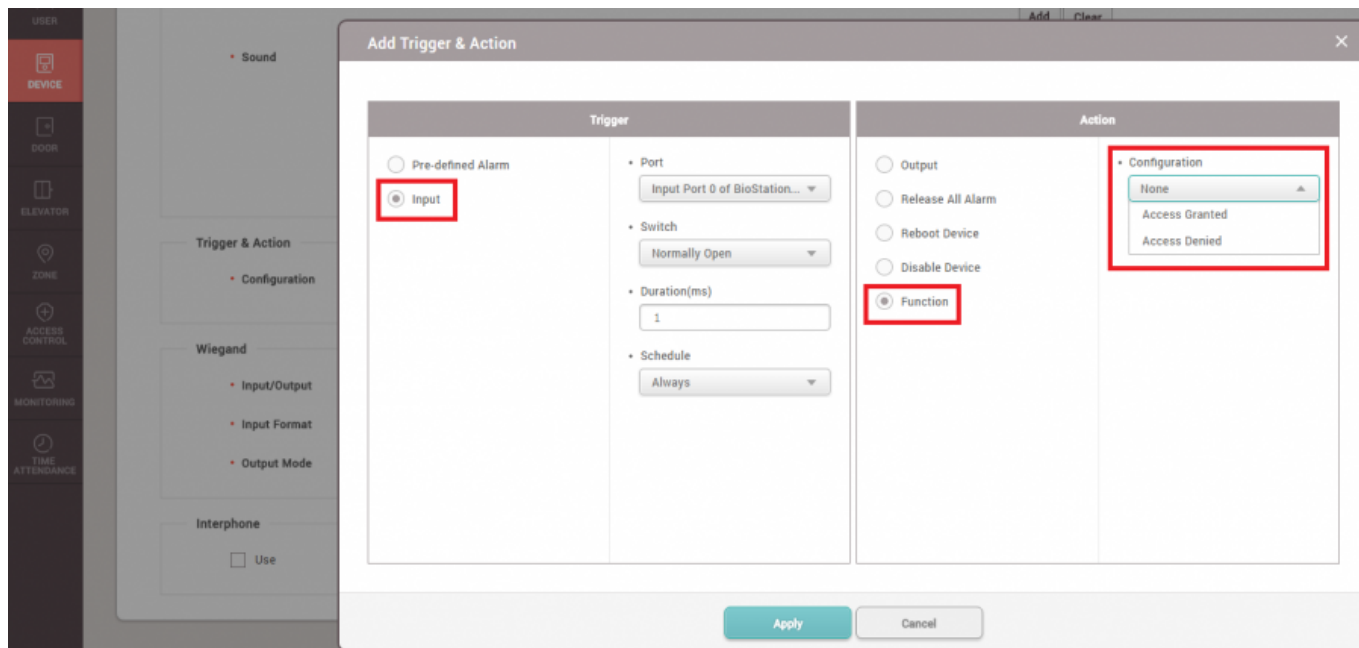
The devices (with LCD) that can use the Pop-up / Sound control features are as follows:

- Access Granted & Access Denied
- BioStation L2, BioStation 2, BioStation A2, BioLite N2, FaceStation 2, FaceLite, FaceStation F2

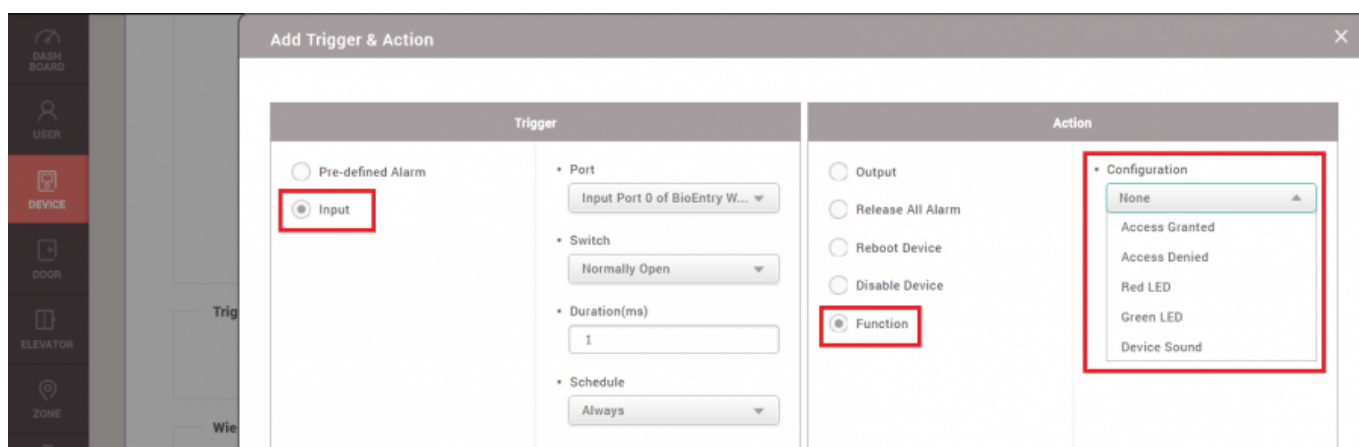
The devices (without LCD) that can use the LED / Sound control features are as follows:

- Access Granted, Access Denied, Red LED, Green LED, Device Sound
- Generation 1 devices: Xpass S2, Xpass, BioEntry Plus, BioEntry W
- Generation 2 devices: BioEntry W2, XPass 2

1. Log in to BioStar 2.
2. Go to **DEVICE** menu.
3. Click on the desired device.
4. Go to **Advanced > Trigger & Action**.
5. Click **+ Add**.
6. On **Trigger** select **Input**.
7. Choose which input **Port** will be used for this function.
8. Configure the **Switch**, **Duration** of the input signal, and used **Schedule** as necessary.
9. On **Action** select **Function**.
10. On the **Configuration** option choose your desired action.



[Configuration options of devices with LCD]







[Configuration options of devices without LCD]

## Sample Configuration

Configuration - BioStation 2 input 0 configured to Access Granted and BioStation 2 input 1 configured to Access Denied.

Result - On making a signal to input 0, the device will show an Access Granted icon and make an Access Granted sound.

On making a signal to input 1, the device will show an Access Denied icon and make an Access Denied sound.

| Trigger & Action |                                                                |          |                |                                                                                                                                                                             |
|------------------|----------------------------------------------------------------|----------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Configuration    |                                                                |          |                |                                                                                                                                                                             |
| Trigger          |                                                                | Action   |                |                                                                                                                                                                             |
| Input            | Input Port 0 of BioStation 2 546832586 (192.168.14.228) Device | Function | Access Granted |   |
| Input            | Input Port 1 of BioStation 2 546832586 (192.168.14.228) Device | Function | Access Denied  |   |

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