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How to set up a fire alarm zone

All the devices that are in a fire alarm zone will automatically open their doors when the fire alarm sets off. The alarm is detected through an input port set in the configuration of the zone.

You can set up a fire alarm zone by performing the following steps:

1. On the **Doors** page, click **Add New Door**.

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| Doors | Doors | | | | | |
| Access zone | Basic Information Name New Description | Door(3) ccess Group Event | | | | _ |
| antipassback entrance limit zone | Inside Device Unlock Time | Disable No Time | Ψ. Ψ. | Outside Device Lock Time | Disable No Time | v v |
| Task | JO Device | Disable | Ŧ | Door Relay | Disable | ÷ |
| Add New Door | Exit Button (Switch Type) | Disable N/O v | Ŧ | Door Status (Switch Type) | Disable N/D v | w. |
| Details | Door Open Period(sec) | 3 | | Door Open Alarm(sec) | 0 | |
| Total : 4 | Driven By | All Events | - | Closed By | Open period | ÷ |
| Selected : New Door(3) | Anti-passback | [In Device] | | [Out Device] | | |
| E Doors | Device Name | | | | | |
| Visual Map | Device IP APB Type | Soft | Ŧ | Reset Time (min) | | |
| Camera | | | | | | |
| 👸 lift | | | | | | |
| Access Control | | | | | | |
| Monitoring | | | | | | |
| Device | | | | | | |
| Time and Attendance | * | | | ш | | • |
| * | | | | | | Apply |
| Ready | | | | | | CAP NUM SCRL |

2. If devices are connected via the Ethernet, assign one device to one door. For example, if you have two devices, you need to make four doors and assign each device to each door. If devices are connected via RS485, you can assign up to two doors to one door.

1) Right-click a door and choose **Add Device**.

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| oors | | Doors | | | | | |
| Doors | Add Doors Group Delete Doors Group Add Door | Basic Information Name New Description | Door(3) | | | | |
| Zone | Delete Door | Details Alarm Zone A | ccess Group Event | | | | |
| a | Add Device | | | | | | |
| e | Delete Device | Inside Device | Disable | * | Lock Time | Disable | Ŧ |
| 6.0° N | Rename | 10 Device | No Time Disable | * | Door Relay | No Time Dicable | * |
| ask | Refresh | Exit Button | Disable | * | Door Status | Disable | * |
| Add New 2 | Zone | (Switch Type) | N/O - | | (Switch Type) | N/O - | |
| etails | | Door Open Period(sec) | 3 | | Door Open Alarm(sec) | 0 * | |
| otal : 4 riected : New | Door(3) | Driven By | All Events | Ψ | Closed By | Open period | Ψ |
| User | | | [In Device] | | [Out Device] | | |
| Doors | | Device Name | | | | | |
| Visual Map | , | Device IP | | | | | |
| Camera | | - APB Type | Soft | Ŧ | Reset Time (min) | A V | |
| Lift | | | | | | | |
| Access Cor | atrol | | | | | | |
| Monitoring | 9 | | | | | | |
| Device | | | | | | | |
| Time and / | Attendance | 1 | | | | | |
| | : | | | | | | Apply |
| | | | | | | | CAR NUM SCR |

2) Choose one of the devices you want to add on the **Device Tree** dialog and click **OK**.

| (| Device Tree | J |
|---|------------------------|----|
| | - 7000- | ٦ |
| | | |
| | 9005[192, 168, 0, 130] | |
| | | |
| | | |
| | | |
| | | |
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| | | |
| | | |
| | | |
| | | |
| | | |
| | OK | |
| | | ۲, |

3. You need to be very careful about the settings of the door. When an input for fire alarm trigger is assigned for **Exit Button** or **Door Status**, then the input for fire alarm trigger will be overridden by the settings of the door. For example, when **Input 0** and **Input 1** are already assigned to **Exit**

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| Doors | Doors | | | |
| And Doors And Doors New Door New Door(1) New Door(2) New Door(3) Sone | Basic Information Name New Description | Door(1) | | |
| -access zone | Details Alarm Zone Ad | ccess Group Event | | |
| antipassback entrance limit zone Mu fire alarm zone | Inside Device Unlock Time | 9006[192.168.0.130] * No Time * | Outside Device Lock Time | Disable v No Time v |
| Task | IO Device | 9006[192.168.0.130] - | Door Relay | [9006] Relay 0 🗢 |
| Add New Door | Exit Button | [9006] Input 0 🛛 🔻 | Door Status | [9006] Input 1 🔹 |
| Add New Zone | (Switch Type) | N/0 • | (Switch Type) | N/O • |
| Details | Door Open Period(sec) | 3 | Door Open Alarm(sec) | 0 🕀 |
| Total : 4 Selected : New Door(1) | Driven By | Al Events | Closed By [Out Device] | Open period • |
| Doors | Device Name | | | |
| Visual Map | Device IP APB Type | Soft v | Reset Time (min) | |
| Apr Camera | | | | |
| 10 Life | | | | |
| C Access Control | | | | |
| Monitoring | | | | |
| Device | | | | |
| Time and Attendance | ₹ | | | • |
| : | | | | Apply |
| Ready | | | | CAP NUM SCRL |

4. click Add New Zone.

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| Doors | Doors | | | | | |
| Doors New Door New Door(1) New Door(2) New Door(3) | Basic Information Name New Description | Door(1) | | | | |
| Cone | Details Alarm Zone Ad | ccess Group Event | | | | _ |
| antipassback entrance limit zone | Inside Device Unlock Time | 9006[192.168.0.130] | Ψ | Outside Device Lock Time | Disable No Time | • |
| Task | 10 Device | 9006[192.168.0.130] | - | Door Relay | [9005] Relay 0 | - |
| Add New Door | Exit Button | [9006] Input 0 | • | Door Status | [9006] Input 1 | - |
| Add New Zone | (Switch Type) | N/0 • | | (Switch Type) | N/O ··· | |
| Details | Door Open Period(sec) | 3 🔄 | _ | Door Open Alarm(sec) | • • | |
| Total : 4 Selected : New Door(1) | Driven By | All Events (In Device) | • | Closed By [Out Device] | Open period | - |
| Doors | Device Name | | | | | |
| Visual Map | APB Type | Soft | Ŧ | Reset Time (min) | | |
| Camera | | | | | | |
| Lift Access Control | | | | | | |
| Monitoring | | | | | | |
| Device | | | | | | |
| Time and Attendance | ٠. | | | III. | | • |
| \$ | | | | | | Apply |
| Ready | | | | | | CAP NUM SCRL |

5. Enter a name for the fire alarm zone and choose Fire Alarm Zone from the Type drop-down list.

| Add New Zone | × |
|--------------|--------------------|
| | |
| Name | My fire alarm zone |
| Туре | Fire Alarm Zone 🔹 |
| | OK Cancel |

6. Click **Add Device** to add devices to the zone. This brings up the **Add Device** dialog.

7. Choose devices you want to add and click the right arrow button and then the **Save** button. One of the devices will be automatically selected as **Master Device**.

| Add Device | | ٤ | ß |
|---|---|---|---|
| Select Device below Tree | | | |
| Device 10029[192.168.0.156] 9006[192.168.0.130] | | 10029[192.168.0.156] 9006[192.168.0.130] | |
| | > | | |
| | < | | |
| | | | |
| | | | |
| Save | | Close | |

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8. Click **Add Input** to determine the input type for the zone. The input specified here will be used to set off the fire alarm.

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| Doors | Zone | | | | | |
| New Door(2) New Door(3) Zone access zone alarm zone entrance limit zone My fire alarm zone 10029[192.168.0.156] | Basic Information Name Description Details Alarm | My fire alarm zone | | Type Fire Alarn | Zone | |
| 9006[192.168.0.130] | No Device | 5 | | Attribute | | |
| Task | 1 9006[2 | 92.168.0.130] | | Master Device | | |
| Add New Door Add New Zone Details Total : 5 Selected : My fire alarm zone | Vi InputList | | | | | |
| User | No Name | De | vices | Input | Switch | Duration(ms) |
| Doors | | | | | | |
| Visual Map | | | | | | |
| 🗣 Camera | | | | | | |
| 👸 Lift | | | | | | |
| Access Control | | | | | | |
| Monitoring | | | | | | |
| Device | | | | | | |
| Time and Attendance | • | | | | | • |
| : | | Add De | vice Delete Devic | ce Add Input | Delete | Input Apply |
| Ready | | | | | _ | CAP NUM SCRL |

9. Configure the settings and click **OK**. In this example, we use **Input 3** for fire alarm trigger since we've already used **Input 0** and **1** for other purposes.

| Add Zone Input | × |
|------------------------|--|
| Name Device | 9006[192,168.0,130] |
| Available Input | <pre>[9006]Input 0 [9006]Input 1 [9006]Input 2 [9006]Input 3</pre> |
| Switch Duration(ms) | N/O O N/C O OK Cancel |

10. Click **Apply** to transfer the settings to the devices.

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| Doors | Zone | | | | | |
| New Door(2) New Door(3) Cone Cone Cone Cone Cone Cone Cone Cone | Basic Inf Name Descrip | formation My fire alar ption | m zone | Туре Ри | e Alarm Zone | |
| My fire alarm zone 10029[192.168.0.156] | 100 | evice List | | | | |
| 9006[192.168.0.130] | No 1 | Devices 9006[192.168.0.130] | | Attribute | | |
| Task Add New Door Add New Zone Details Total : 5 | 2 | 10029[192.168.0.156] | | Master Device | | |
| Selected : My fire alarm zone | Vá Ir No | put List Name | Devices | Input | Switch | Duration(ms) |
| user | 1 | Fire Alarm Input | 9006 | Input 3 | N/O | 0 |
| E Doors | | | | | | |
| 🔛 Visual Map | | | | | | |
| 🗣 Camera | | | | | | |
| 😥 Lift | | | | | | |
| Access Control | | | | | | |
| Monitoring | | | | | | |
| Device | | | | | | |
| Time and Attendance | • | | | | | • |
| : | | | Add Device 0 | Delete Device Add Inpu | rt Delete | Input Apply |
| Ready | | | | | | CAP NUM SCRL |

When you release the fire alarm, all the doors will not close at once. In the **Monitoring** menu you will have to check the status of each door and set it back to normal to close the doors.

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