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System Configuration, BioStar 2, Door

How To Add and Configure Doors

With the door setting, basic relay and door level alarm configurations are possible. The minimum door element is 'Relay'. As long as you set a relay, it can be configured as a door. This is useful for the case of having to make a door open or close at the time of a designated event, such as fire alarm, or emergency lock down.

1. Go to **DOOR** tap and click **ADD Door** button. If you have more than several doors and different floors, it's recommended to create a door group first by right click on **All Doors**.

BioStar 2	③ Settings 랆 Port (() About (?) Help			
DASH BOARD	ADD DOOR	All Doors			
	All Doors				
23EN	- Test Door		Group	Entry Device	
EVICE.	() TESET	Test Door	All Doors	BioStation 2 546834511 (192.168.13.186)	
• ××××××××××××××××××××××××××××××××××××					
_ 0					
OIDEO					

2) Then, click one of the created door group, and click **ADD DOOR** button. The door group is already assigned and the group name will be shown on the information section. Then, enter name of the door and its description(if necessary).

BioStar 2	③ Setting ① About ⑦ Help			
DASH BOARD	✓ Add New Door			
8	Information			
USER	• Name	BMS Front Door	• Group	16F BMS
P	Description	Test Door Setting		
DEVICE				
•	Configuration			
DOOR	Entry Device	None v)	
\odot	Door Relay(+)	None v)	
ZONE	Exit Button	None		
\oplus	Door Sensor	None		
ACCESS CONTROL				

2. Set **Entry Device** and select 'Exit Device' when the door uses two devices for entry and exit. And set 'Door Relay', 'Exit Button', and 'Door Sensor', according to the door situation.

- Entry device refers to the device located outside for entry input.
- Exit device refers to the device located inside for exit input.
- Therefore, it's necessary to set to use a door relay from a exit device or a door IO device, such as Secure IO 2 and DM-20, to avoid security risk of exposing a relay wiring to the outside.
- **Door Sensor** can be used to monitor the door status. BioStar 2 System Administrator or users can know the physical door status via the sensor detection whether the door is opened or closed. Moreover, it can be used to generate an alarm for any unexpected door status.
- It is highly recommended to set the door sensor in BioStar 2 Door Configuration and wire the door status sensor to the door. If the **Door opened** log is detected without the occurrence of the **Door unlocked** log, BioStar 2 software or BioStar 2 Products generate a **Forced door** opened log and also can generate an additional **Forced door open alarmed** to notify the user.

Once a device is added to a door, the device authentication mode changes to **No Access**. In order to allow user access, configure **Access Groups**.

Configuration					
Entry Device	BioLiteNet 538101264 (192.168.16.210)	w	Exit Device	BioEntryW 15	Ŧ
Door Relay(*)	Relay 0 of BioLiteNet 538101264 (192.168.16.210) Device	w			
Exit Button	Input. Port 0 of BioLiteNet 538101264 (192.168.16.210) Device	w	Switch	Normally Open	
Door Sensor	Input Port 1 of BioLiteNet 538101264 (192.168.16.210) Device	w	Switch	Normally Open	
Option					
Open					
Open Time	3 нес		 Lock when door is closed 	Corr	
Dual Authentication					
- Device	No device	Ŧ			

3) If the door sensor is applied, Held Open and Forced Open alarm can be set to use. Click '+Add' button on the left and set to use 'Output' and select the device to make an 'Output' and the relay to send out an output signal. But if you want to make an alert only, you need to set the device which is not used for the door relay or other important output to the 'Device' and its relay to 'Output'. This is because it can be mixed and create an unplanned relay output.

Alarm			
Held Open		Action	+ Add
Held Open Time	6 see		
Net 538101264 (192.168	Add Action		rmally Open
		Action	
3 sec	 Output Release All Alarm Reboot Device Disable Device 	 Device BioEntryW 15 Output Relay 0 Signal Not Wired 	

i.e. Held Open Alarm Configuration for the door This configuration will help to generate the Held door open alarmed log once the door opened log is kept more than Held Open Time.

 Held Open 	Action		
	Output	Relay 0 of BioStation 2 546832513 (192.168.16.236) Device	/1
	Aiert Sound	BioStation 2 546832513 (192.168.16.236)	/=

i.e. Forced Open Alarm Configuration for the door This configuration will help to generate the Forced

door open alarmed log once the door opened log is detected without door unlocked log which is normally generated by user authentication, pressing a configured exit button, or clicking Open button on BioStar 2.

Alarm					
	- Heid Open	Act	tion		+ Add
	- Heid Open Time	316			
	 Forced Open 	Act	tion		+ Add
		Alert Sound	Bio8tation 2 546832513 (192.168.16.236)	11	
		Dutput	Relay 0 of BioStation 2 546832513 (192.168.16.236) Device	19]

4) Set the held open time from 1 sec to 15 min range. If the door is remained open longer than this held open time setting, the alert event occurs to call attention to the situation.

5) In the same way, 'Forced Open' alarm can be set to make an alert.

6) After finishing the setting, make sure to click 'Apply', and check the setting result from the door list.

16F B	IMS				1-1/1
	BMS Front Door	16F BMS	BioLiteNet 538101264 (192.168.16.210)	BioEntryW 15	Normal

7) Then, test the door to make an alert event alarm.

Device	BioLiteNet 538101264 (192.168.16.210)
• Door	BMS Front Door
Alarm	FORCED_OPEN_ALARM
• Date	2015/09/09 16:22:20
Comments	

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