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# How to use Lift I/O

In this document, we would like to introduce how to use Lift I/O in BioStar. Lift I/O is used to control access to the floors serviced by an elevator. This is carried out by wiring the Lift I/O and Suprema devices, so that Suprema devices determines and sends signal to Lift I/O whether or not the user can be accessed and which floors can be selected. Please note that Lift I/O is compatible with Xpass, Xpass Slim, BioEntry Plus and BioEntry W only.

#### Wiring

Lift I/O and devices are connected by RS485 cable. Please see the actual wiring below.





### Adding the Lift I/O in BioStar

1. On the **Device** tab, right-click the Suprema device you want and click **Add Device (Serial)**.



8	2		oStar Server, check [Server — Change Network		
Device ID	P	Type	DHCP	@ Use	C Not Use
e		0100	IP Address		
			Gateway	100	
			Subnet		1.11
			Port		0
			Server	192 . 3	60 . 1 . 193
<	-18		Server Port		1490
	100%			Time Syr	ic with Server
1 device(s) for	ind.		System Info	Refresh	Hodify

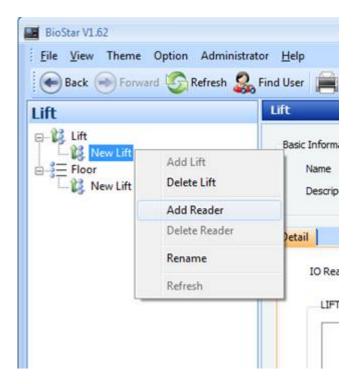
		1201	
Device ID	p	Type Ufg0	
		BioStar V1.62	
		1 Device(s) Added	





### Setting the Lift I/O in BioStar

1. On the **Lift** tab, select **Add New Lift** from the task pane. Right-click the New Lift and click **Add Reader** to add Suprema device.



2. Now you have successfully added Suprema device as a reader.

🖶 Back 🛞 Forward 🙆 Refresh 🛔	So Find User 📕 Print 💂			
ft	Lift			
New Lift 59972[192.168.0.136]	Basic Information Name New Lift Description			_
	Detail			
	IO Reader 59972[192.168.0.136] •	OUTPUT	Ploor	
	IO Reader 59972[192.168.0.136] •	OUTPUT LIO 0 -> Output 00	Ploor	i not use
	10 Reader 59972[192.168.0.136] •			i ♥ not use i ♥ not use
	10 Reader 59972[192.168.0.136] •	L10 0> Output 00		
	10 Reader 59972[192.168.0.136] •	LIO 0 -> Output 00 LIO 0 -> Output 01		🗐 not use

3. Assign floors to selected Lift I/O outputs. One Lift I/O has total 12 outputs, that is, one Lift I/O is capable of handling 12 floors. Simply uncheck the **Not use** box and assign floors to each output.

In this example, we will use [Output 00] to [Output 04].

- [Output 00]  $\rightarrow$  First Floor
- [Output 01]  $\rightarrow$  Second Floor
- [Output 02]  $\rightarrow$  Third Floor
- [Output 03]  $\rightarrow$  Forth Floor
- [Output 04]  $\rightarrow$  Fifth Floor

lasic Information					
Name Description	New Lift				
UNIT DOM					
letail					
IO Reader	\$9972[192.168.0.136]	-			
LIFT 10		OUTPUT	Floor	_	_
110.0		LIO 0> Output 00	1		Inotuse
		LIO 0> Output 01	2		not use
		L3O 0> Output 02	3		not use
		L10 0> Output 03	4		notuse
		L10 0> Output 04	8	٠	not use
		L10 0> Output 05		.+.	I not use
		L10 0> Output 06		+	v not use
		L10 0> Output 07		*	not use
		L10-0> Output 08		×.	1 not use
		L10 0> Output 09		-	2 not use
		L30 0> Output 10	0	+	12 not use

- 5. Click Manage Users in Task pane.
- 6. Select a user and assign floors.

In this example below, user "Chorong Lee" is allowed only floor 1 to 3. This user is not allowed to gain access on floor 4 and 5. After assigning the floor, click **Transfer to Device** to transfer the users.

#### 2021/10/05 15:09

ift Manage User		
Select User	Check the Roor	
Cherong LEE BMS Cherong LEE BMS Cherong LEE BMSUNG JO DMUNG JO DM	Boor Boor Control	

7. When placing card/fingerprint of the user "Chorong Lee", only three lights are turned on.

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