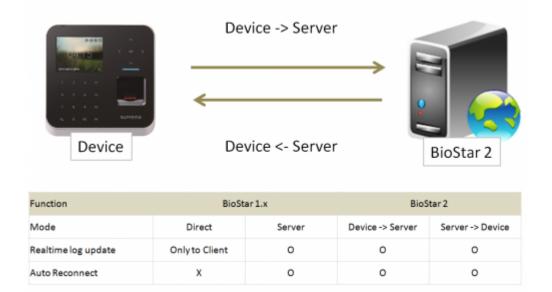
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System Configuration, BioStar 2, Device

How to add devices

BioStar 2 supports two connection modes shown in the image below. Check the fundamental course contents for more information.



Add devices to the BioStar 2 server

1. Go to **Device** and click **Search Device**.

BioStar	2 💮 Setting () About	(?) Неір			
DASH BOARD	SEARCH DEVICE Advanced search	All Devices			
Q USER	All Devices	De De	vice ID	Name	Group
	🕞 Waiting Device				
DOOR					
					Not Found

2. Select the devices you want to add to your server.

BioStar 2 has two communication modes, **Device** \rightarrow **Server** and **Server** \rightarrow **Device**.

There's no functional difference between the two. However, **Device** \rightarrow **Server** direction can prevent the device connection from being changed or disconnected from the designated server.

Search	Device						
Found 7	device(s).						Search
	Device ID	Name	Group		Device Type (Master/Slave)	IP Address	Status
~	15	BioEntryW 15 (192.168.16.144) 🖋	All Devices	~	BioEntryW	192.168.16.144	ок
	10006	BioEntryW 10006 (192.168.16.1 🖋	All Devices	~	BioEntryW M	192.168.16.171	ок
	538102099	BioLiteNet 538102099 (192.168 🖋	All Devices	Ŧ	BioLiteNet M	192.168.16.204	ок
	539308121	BioEntryPlus 539308121 (192.1 🖋	All Devices	Ŧ	BioEntryPlus M	192.168.16.239	ок
	538101264	BioLiteNet 538101264 (192.168 🖋	All Devices	~	BioLiteNet	192.168.16.210	ок
	538102578	BioLiteNet 538102578 (192.168 🖋	All Devices	Ŧ	BioLiteNet	192.168.16.200	ок
	546832488	BioStation 2 546832488 (192.16 /	All Devices		BioStation 2	192.168.16.238	ок

If you want to change the device IP address or their communication modes to **Device** \rightarrow **Server**, click **Set IP** instead of **Add** button.

ound 7	/ device(s).	Set IP			×	0	Search
	Device ID				_		
~	15	Device ID	Device Type	Use DHCP	1	4	ок
	10006	15	BioEntryW	• IP Address 192.168.	16.144	1	ок
	538102099	538101264	BioLiteNet	Subnet Mask 255.255.	255.0	6	ок
	539308121			• Gateway 192.168.	16.1	9	ок
	538101264			Device Port 51211		0	ок
	538102578			✓ Device → Server Connection		0	ок
	546832488			Server IP 192.168.		3	ок
				Server Port 51212			
	Set IP					Close	

3. Set the server IP address and click **Apply**. Then, the device will automatically try to make a connection.

	0-110				
D	Set IP	_		_	×
6	Device ID	Device Type BioEntryW	Use DHCP		
195	538101264	Confirm	IP Address	× 5.255.255.0	
2'				2.168.16.1	
64		May take sev want to apply	eral minutes. Do you changes now?	211	
88		Yes	No	ection 2.168.16.25	
			Server Port	51212	
		Apply	Cancel		

4. With the **Device** \rightarrow **Server** direction, the device will be shown on the **Waiting Device** list. Refresh the browser to check the connection. Once you find the device, you can confirm and add it to the server by right-clicking on the device tree and clicking **Add Waiting Device** button.

BioSta	r 2 🔞 Setting 🕧 About (? Help				
	SEARCH DEVICE C ADVANCED SEARCH	All De	vices			
	All Devices		Device ID	Na	ıme	
DEVICE	BioEntryW 15 (192.162.16.1 Add BioLiteNet 53810126 (172.)	Waiting Device				
DOOR	USB Device					
O zone						

Image: Search device Image: October of Search Q advanced search	All Devices			
All Devices	Device ID	Name	Group	Device Type (Master/Slave)
BioEntryW 15 (192.168.16 BioLiteNet 538101264 (192.	15	BioEntryW 15 (192.168.16.144)	All Devices	BioEntryW
Waiting Device	538101264	BioLiteNet 538101264 (192.168.16.210)	All Devices	BioLiteNet
USB Device				

Add slave devices connected via RS-485 interface

1. Check the physical device connection and change the device to be the master device in the device setting.

- https://kb.supremainc.com/knowledge/

	letwork				
	TCP/IP				
	Use DHCP				
	IP Address				 Subnet Mask
	Gateway	192.168.16.1			Device Port
	 Support 100 BASE-T 	Not Use			MTU Size
	Server				
	Device Server	Connection			
	Server IP	192.168.16.25			Server Port
	Serial				
	• R\$485	Default			Baud Rate
		Master			
		Slave			
	uthentication	Default			
^	uthentication				
	Auth Mode	۲	Abways	∠ ¥ • Add	
		□ +	Always	29	
			Abwave	10	

- Master Making logical decisions and controlling local zone
- Slave Become a dummy reader to send credential input to the master device
- - logical decisions: The master device matches user biometric information and user information received from the slave device, opens the door according to the result, and delivers the result to the slave device. It also controls the Local Zone.

2. Change the device to be **Slave Mode** to be searchable by the master device. Connect to the master device via RS-485 cable, and check the physical wiring connection, and go to BioStar 2 and **DEVICE** tap and right-click on the device tree and then click **Search Slave Device**.

DASH BOARD	Network	
	TCP/IP Use DHCP	
	• IP Address 192.168.16.144	Subnet Ma Device Port
DOOR	Gateway 192.168.16.1 Support 100 BASE-T Not Use	MTU Size
	Server	
Ŧ	Server IP 0.0.0.0	Server Port
	Serial RS485 Slave	Baud Rate
MONITORING		

BioStar 2 🐵 Setting () About (?) Help									
DASH BOARD	Q ADVANCED SEARCH	All De	vices						
R USER	All Devices	264 (102	Device ID	Name	Group				
Ģ	Waiting Device	Add Wiegand Device	8101264	BioLiteNet 538101264 (192.168.16.210)	All Devices				
DEVICE	USB Device	Reconnect							
•		Manage Users in Device							
DOOR		Sync Device							
		Reboot							
\odot		Delete Device							
ZONE									
\oplus									
ACCESS									
-									

3. Check the search result and click **Add** button.

Up to 31 slave devices can be connected through a daisy chain, and up to 8 fingerprint devices can be connected among the total.

But, if there's a need of making many fingerprint matching with multiple devices at the same time, it's recommended to use the limited number of slave fingerprint devices for the optimal matching performance.

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				Sear
	Device ID	Name		Device Typ
~	10000030	DoorModule20 100000030	,	DoorModul 20
	15	BioEntryW 15	1	BioEntryW
BioLite	Net 538101264 (1	192.168.16.210) has 2 slave Device(s)		
		bbA		Cancel

search device Q advanced search	All D	evices				
All Devices		Device ID	Name	Group	Device Type (Master/Slave)	IP Address
BioEntryW 15		538101264	BioLiteNet 538101264 (192.168.16.210)	All Devices	BioLiteNet	192.168.16.210
DoorModule20 1000003		15	BioEntryW 15	All Devices	BioEntryW	8
		10000030	DoorModule20 10000030	All Devices	DoorModule20	8
US8 Device						

Video Demo

devices.mp4

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