Table of Contents

How to configure One Device(Legacy) Mode

In BioStar 2.5.0 or below, you can process the Wiegand input signal when you add a 3rd party device as a Wiegand device. This means that you cannot regard the 3rd-party device as one device combined with a Suprema reader. \\For example, if you should use a special card that is not supported by Suprema readers with the authentication mode "Card + Fingerprint", you may connect a 3rd-party reader with Suprema reader via Wiegand. At this point, many customers would like to deal with the card authentication event as if it is generated by one device.

From BioStar 2.6.0, we introduced a new feature **"One device Mode"**. In this feature, if a Wiegand input is configured in the device setting and then the Wiegand signal is generated without adding a 3rd-party reader as a Wiegand reader to the master device, the Wiegand signal will be received in master device (Suprema reader).

How to configure?

You can configure One Device Mode with no additional task. You just have to connect 3rd-party device with Suprema reader using a Wiegand cable.
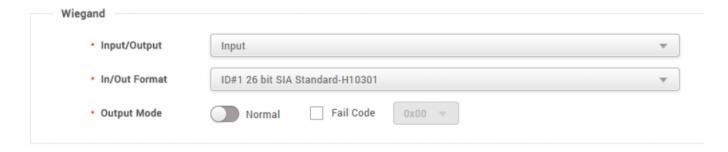
1. Connect a 3rd-party device with Suprema reader using a Wiegand cable. At this point, the Wiegand input port should be connected in Suprema reader.
2. Set connection mode to either **Master** or **Default**.

> One Device (Legacy) Mode supports all types of devices if Wiegand input setting is configured. The **SLAVE** device does not support One Device Mode. Only Master or Default (Standalone) can be supported.

3. Change **Format Type** into **Wiegand** and select the suitable Wiegand format. In addition, select **Wiegand Card Format**.

4. In the Advanced Setting, configure **Wiegand Input/Output** into **Input** then select the suitable **In/Out Format**.

5. We will test "Card + Fingerprint" authentication with these settings.
5-1. In Suprema reader, we configure Auth Mode to "Card + Fingerprint".

5-2. Once you succeed in card authentication on 3rd-party device, the Wiegand input signal will sent to Suprema reader. After that, Suprema reader requests you to scan fingerprints on it. If you succeeded in scanning fingerprints on the Suprema reader, below event will happen as if "Card + Fingerprint" authentication is generated in one device.

⊙ Real-time Log

Date	Door	Elevator	Device ID	Device	User	Zone	Event	View
2018/03/28 11:13:48	15F office		541531003	BioStation A2 541531003 (192.168...			Door locked	
2018/03/28 11:13:45	15F office		541531003	BioStation A2 541531003 (192.168...			Door unlocked	
2018/03/28 11:13:45			541531003	BioStation A2 541531003 (192.168...	2(hailey)		1:1 authentication succeeded (Card + Fingerprint)	
2018/03/28 11:04:04	15F office		541531003	BioStation A2 541531003 (192.168...			Door locked	
2018/03/28 11:04:01	15F office		541531003	BioStation A2 541531003 (192.168...			Door unlocked	
2018/03/28 11:04:01			541531003	BioStation A2 541531003 (192.168...	2(hailey)		1:1 authentication succeeded (Card + Fingerprint)	

Supported Device & Firmware version:

Device	Version
BioStation 2	V1.6.0 or above
BioStation A2	V1.5.0 or above
BioEntry P2	V1.1.0 or above
BioStation L2	V1.3.0 or above
BioEntry N2	V1.0.0 or above
BioEntry W2	V1.2.0 or above
FaceStation 2	V1.1.0 or above

* Entry device which firmware version is V2.x is not supported
* One Device Mode does not support CoreStation

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