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BioStar 1, Secure I/O, BioStation T2

How to connect Secure IO to BioStation T2

Wiring

BioStation T2 uses a 4-pin connector for RS485 Cable.
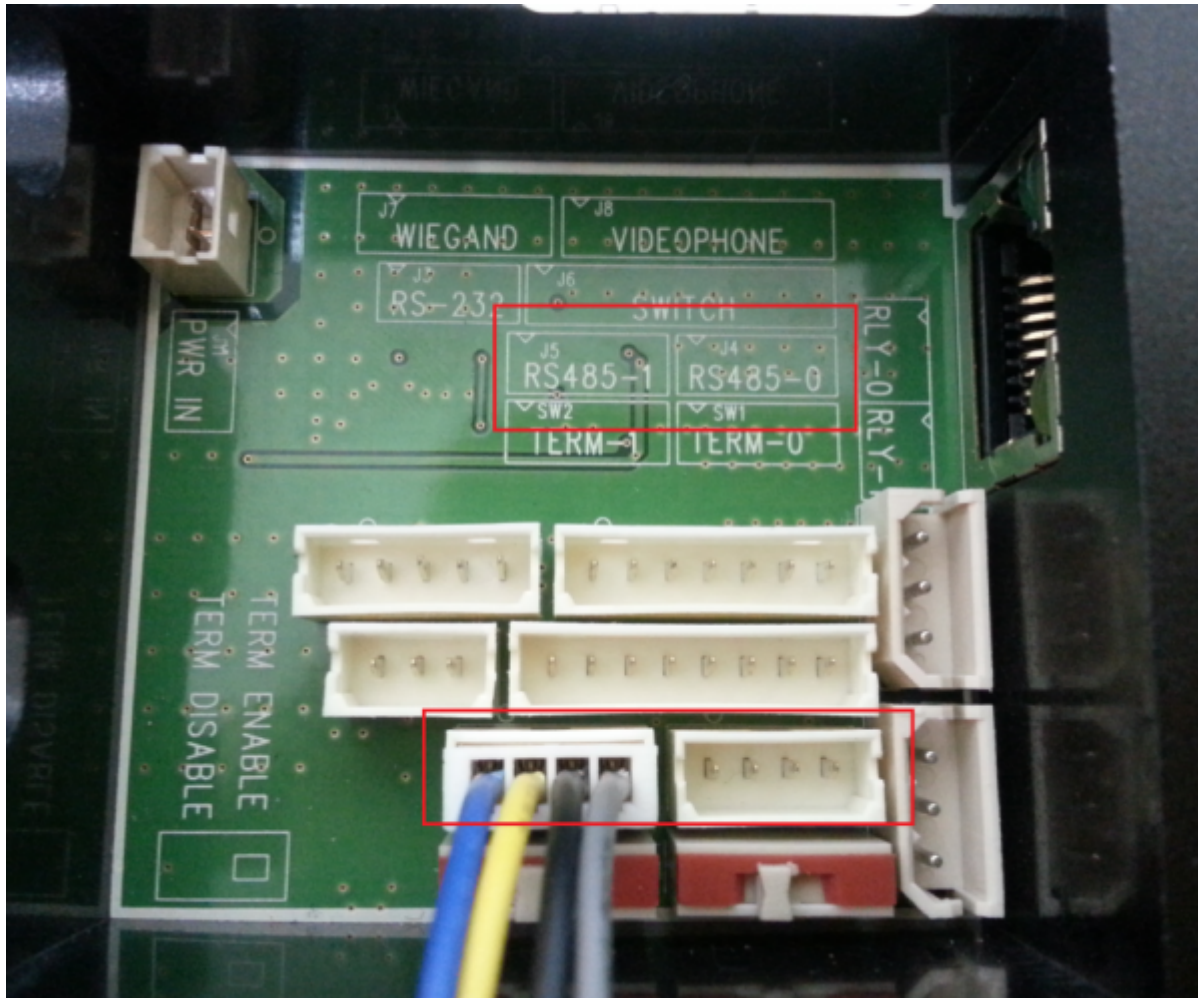
RS485 CABLE (4-pin Connector)

Pin	Name	Cable Type	Color
1	RS485 TRX+	AWG26	BLUE
2	RS485 TRX-		YELLOW
3	GND		BLACK
4	SHIELD GND		GRAY

1. Secure IO Wiring
Connect TRX+ (blue) to TRX+ pin, TRX- (yellow) to TRX- pin, GND (black) to TRX GND pin as shown below.
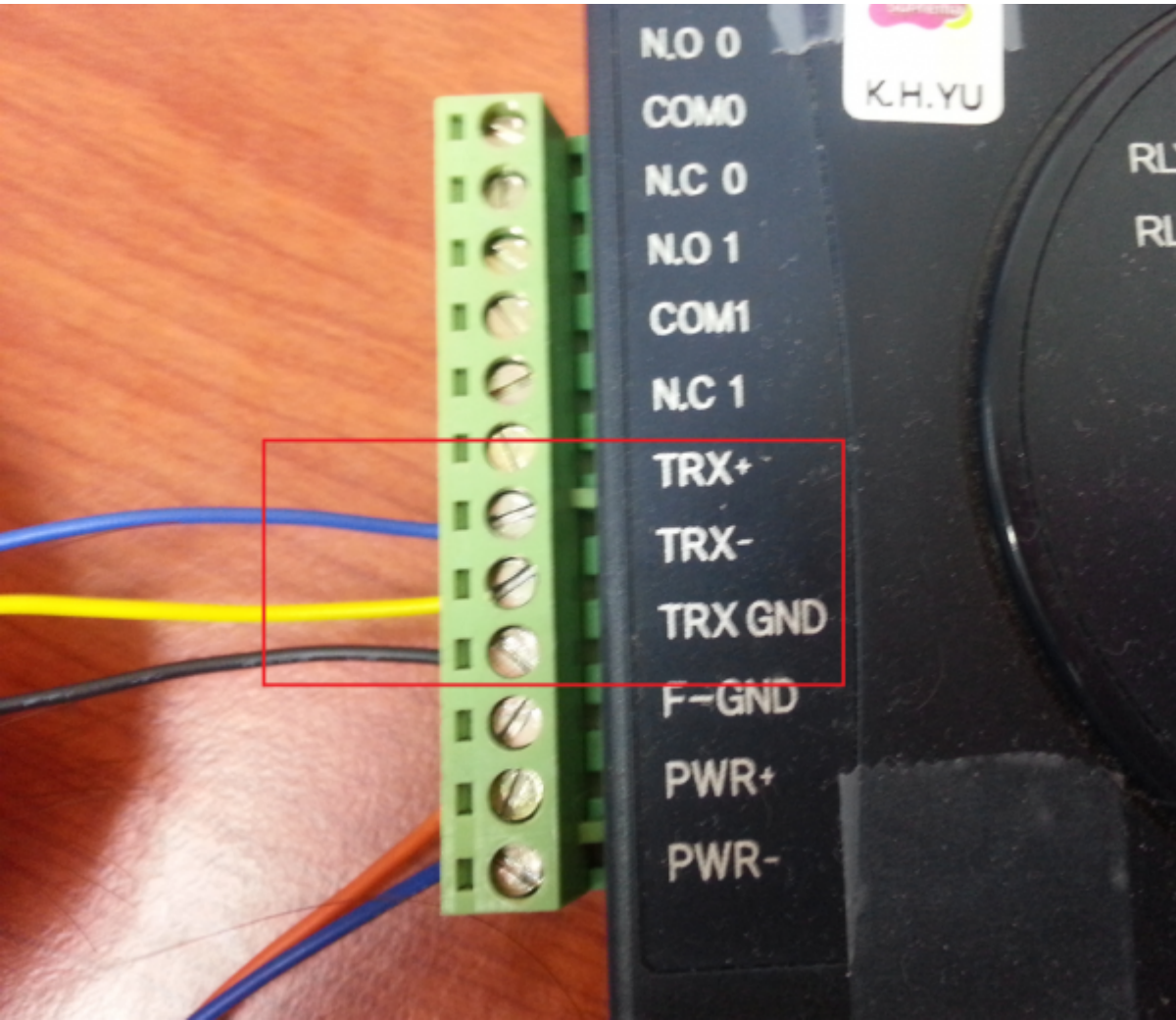
2. BioStation T2 Wiring RS485 cable should be connected to "RS485-1".

3. When the device and Secure I/O are all wired correctly, press "SYNC" on your Secure I/O. When successfully synced, the device will make a 'ding-dong-dang' sound.
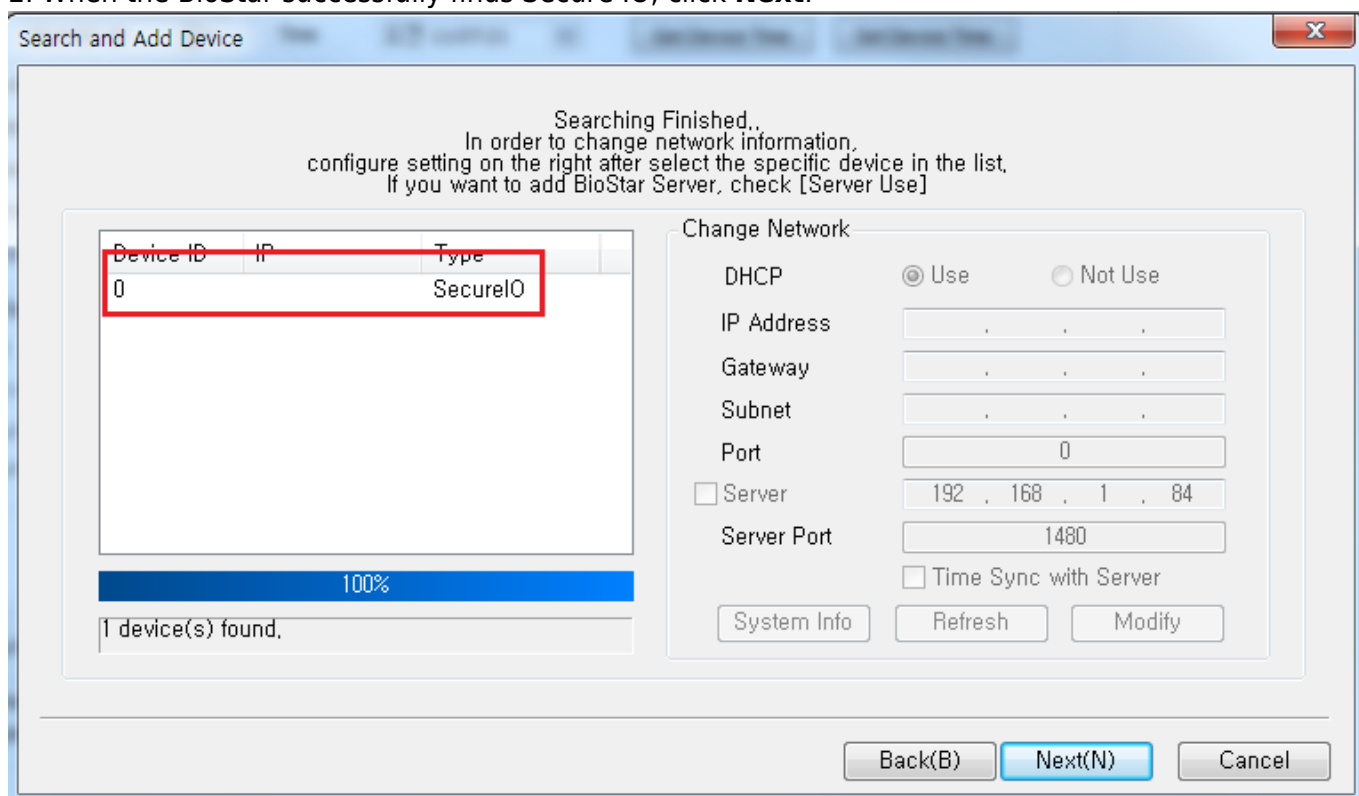
Always check if you have used correct cable. BioStation and BioStation T2 use a different 4-pin connector.
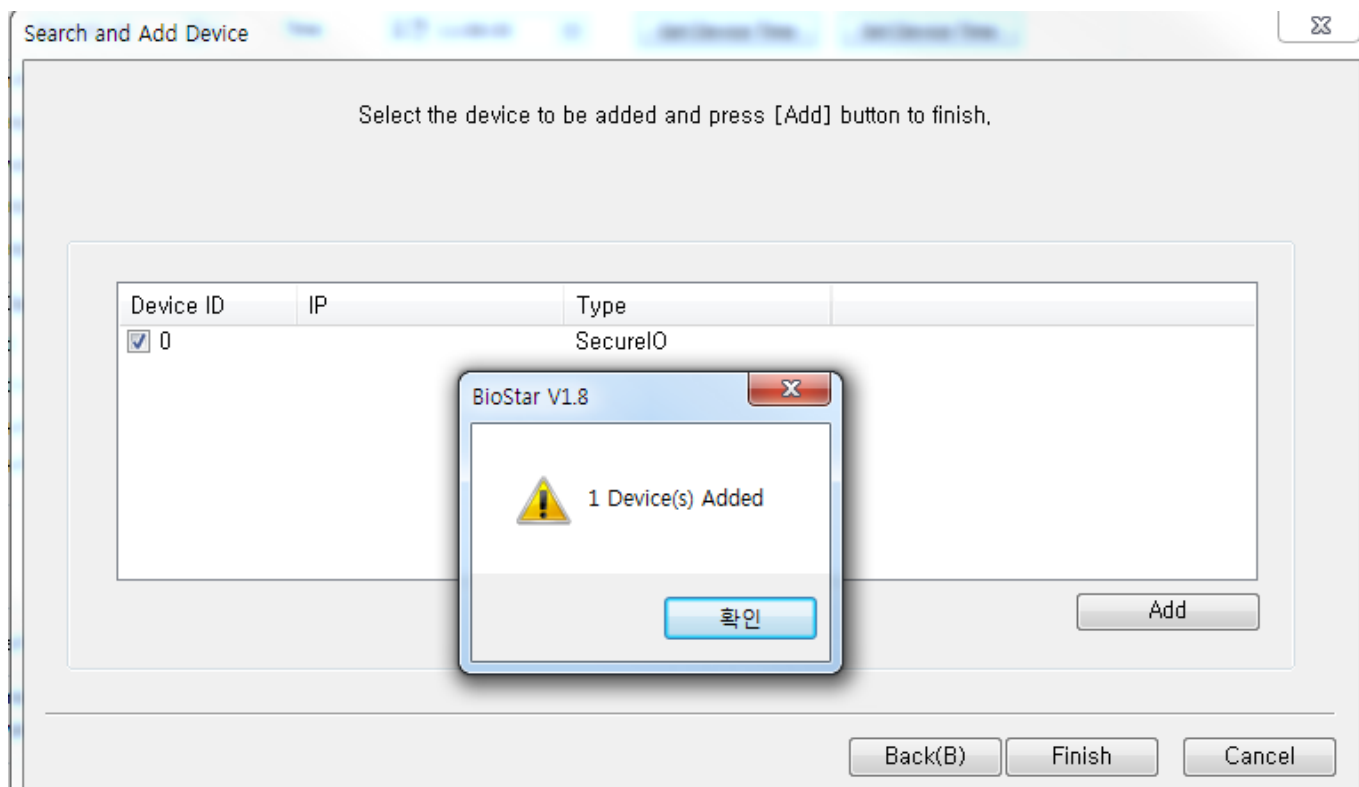
Adding Secure IO in BioStar

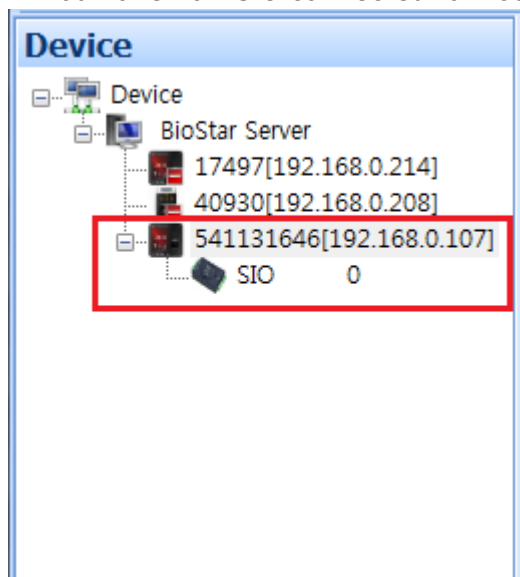1. Go to **Device**, right click the BioStation T2 device then click **Add Device (Serial)**.
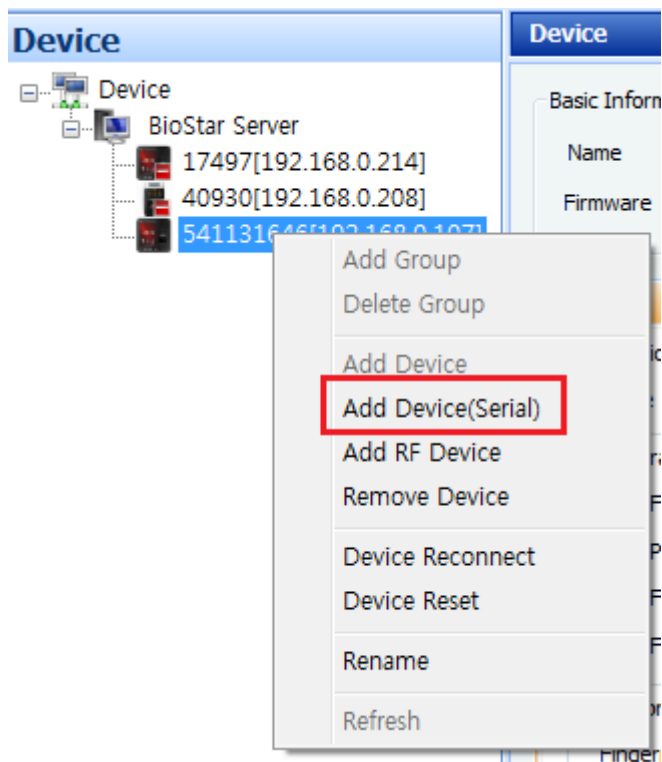
2. When the BioStar successfully finds Secure IO, click **Next**.

3. Click **Add** then **Finish**.

4. You have now SIO connected to BioStation T2.