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BioStar 1, Secure I/O, BioStation T2

How to connect Secure IO to BioStation T2

Wiring

BioStation T2 uses 4-pin connector for RS485 Cable.

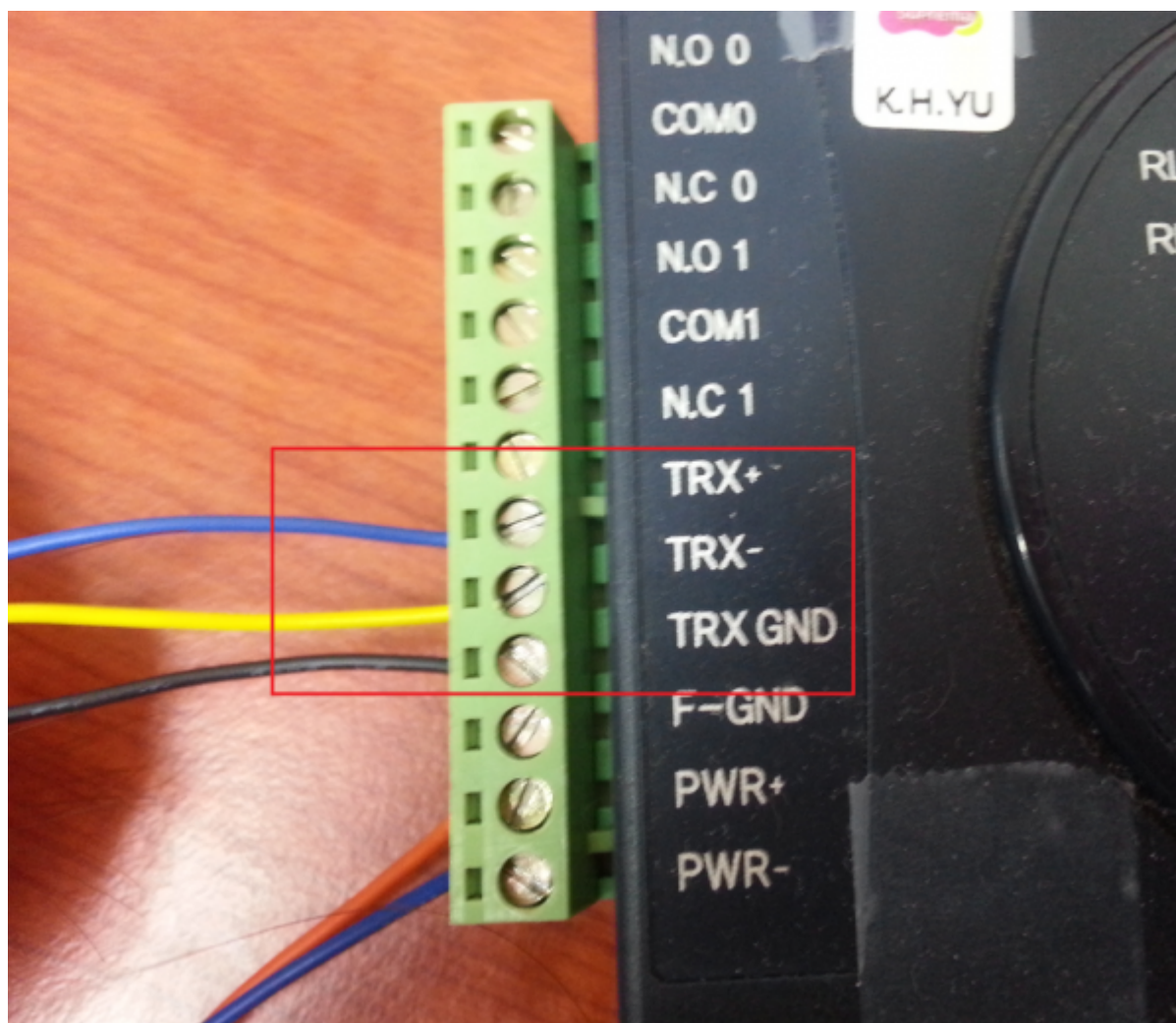
■ RS485 CABLE (4-pin Connector)

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

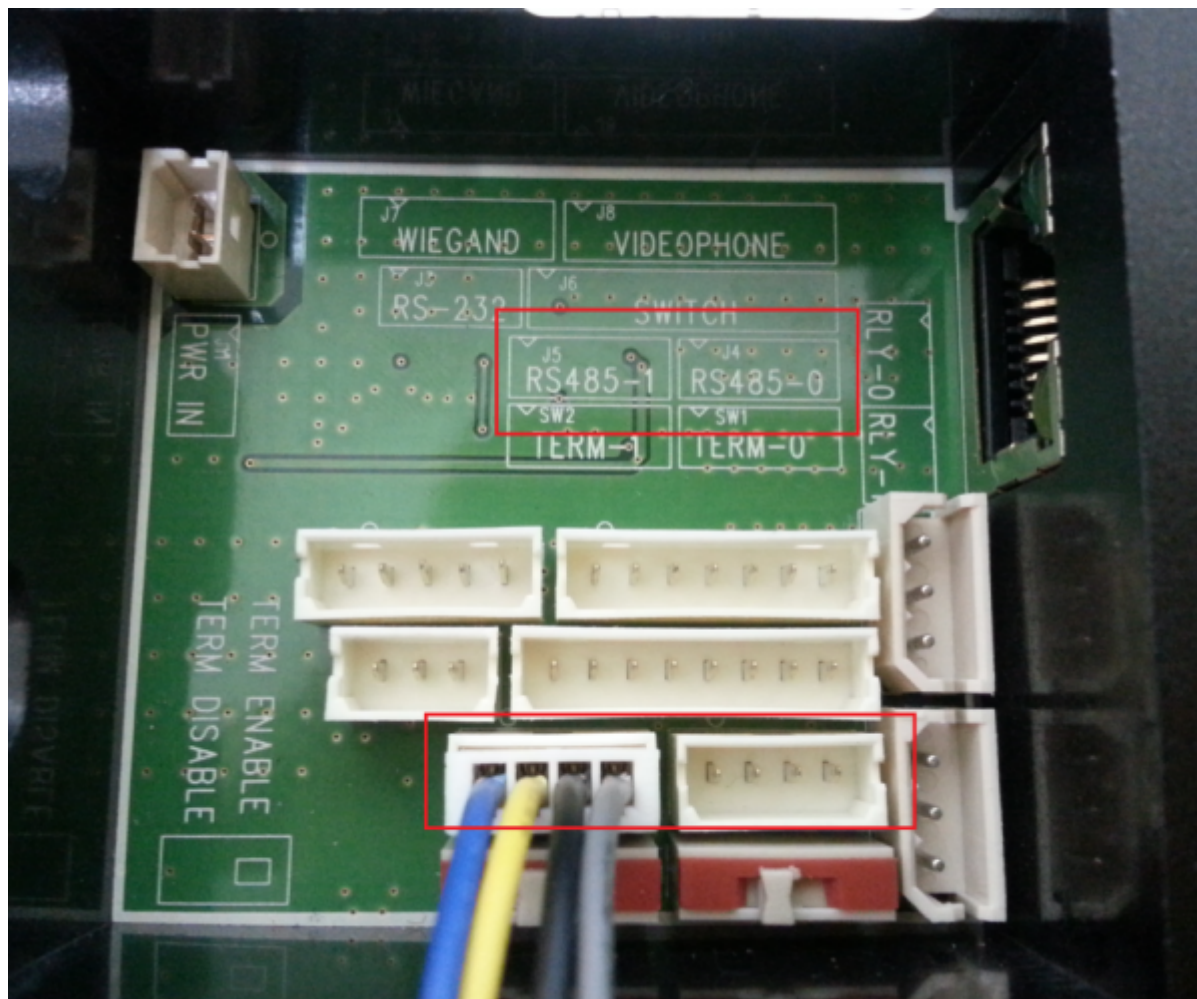


1. Secure IO Wiring

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".

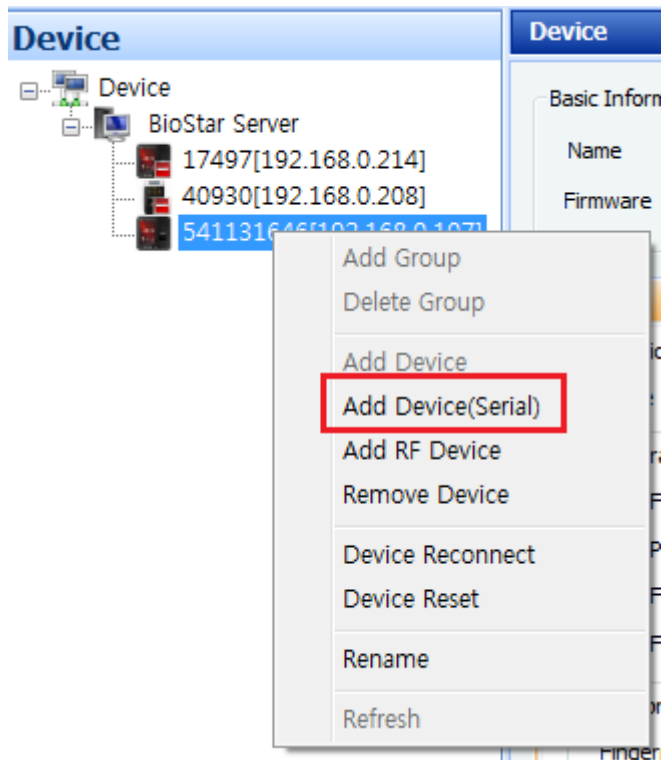


3. When the device and Secure I/O is all wired correctly, press "SYNC" on your Secure I/O. When successfully synced, the device will make a 'ding-dong-dang' sound.

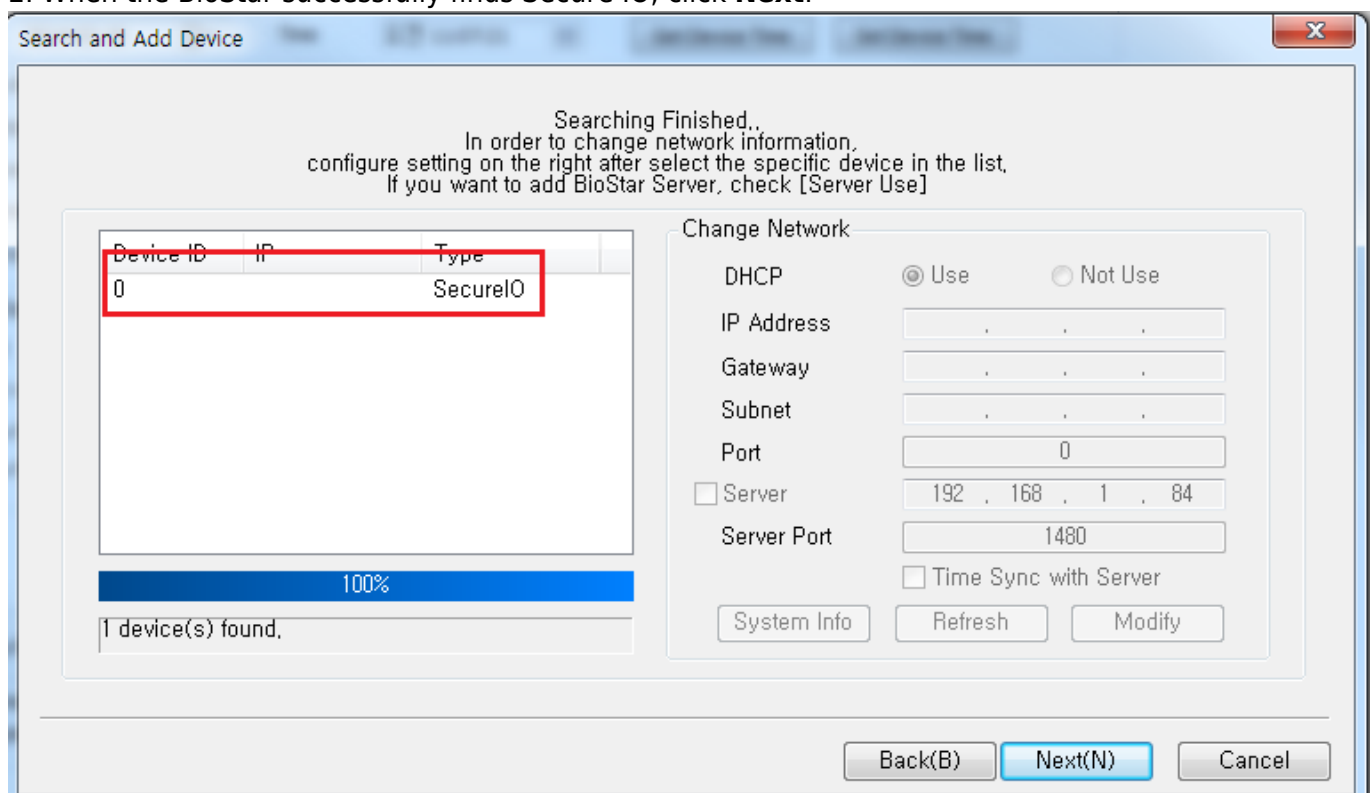
Always check if you have used correct cable. BioStation and BioStation T2 use different 4-pin connector.

Adding Secure IO in BioStar

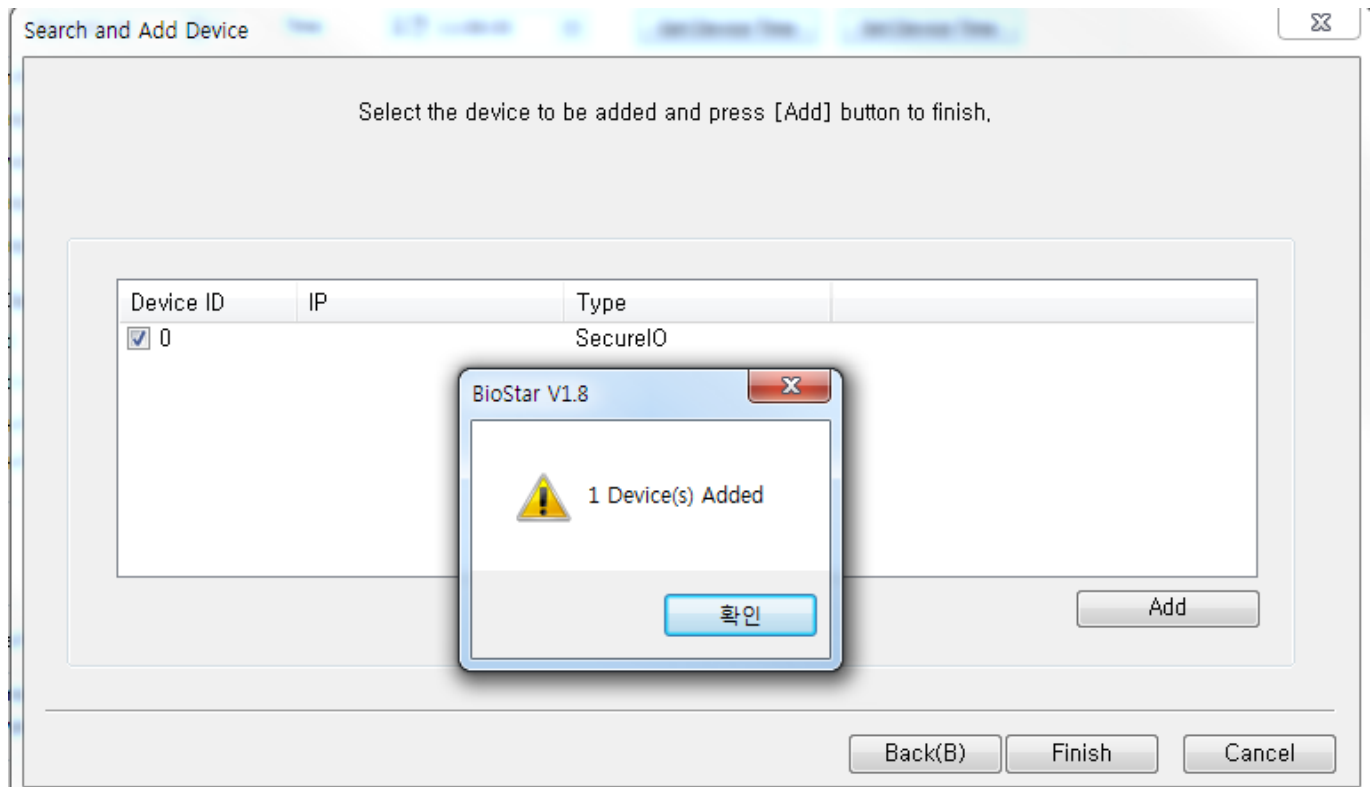
1. Go to **Device**, right click the BioStation T2 device then click **Add Device (Serial)**.



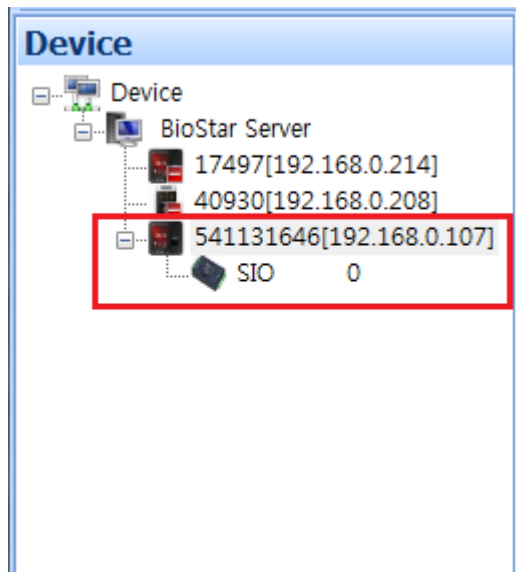
2. When the BioStar successfully finds Secure IO, click **Next**.



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



4. You have now SIO connected to BioStation T2.



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