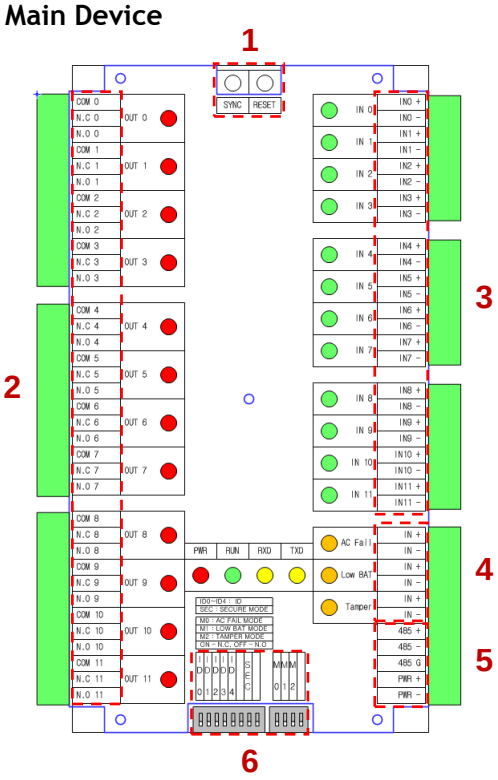
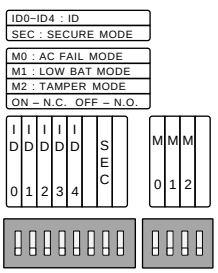
Product Description

Main Device



#	Item	Description
1	Reset & Sync Buttons	RESET: Resets Lift I/O SYNC: Synchronizes Lift I/O with host device
2	Output Ports	12ch: Form C Relay
3	Input Ports	12ch: Input (Currently Disabled)
4	Aux Input Port	3 Ports: AC Fail, Low Battery, Tamper
5	RS-485 & Power Ports	RS-485: Communication with host device Power: 12VDC, 1A
6	Dip Switches	ID: Lift I/O RS-485 ID SEC: Secure Mode Toggle M: Aux Input Port Modes [N.O. / N.C.]

Dip Switch Settings



Lift I/O ID	ID 0 State	ID 1 State	ID 2 State	ID 3 State	ID 4 State
0	OFF	OFF	OFF	OFF	OFF
1	**ON**	OFF	OFF	OFF	OFF
2	OFF	**ON**	OFF	OFF	OFF
3	**ON**	**ON**	OFF	OFF	OFF
4	OFF	OFF	**ON**	OFF	OFF
5	**ON**	OFF	**ON**	OFF	OFF
…					
31	**ON**	**ON**	**ON**	**ON**	**ON**

ID Setting [Sets the RS-485 ID for the Lift I/O, Range: 0 ~ 31]
- Binary Counting *(See Table Above)*

SEC Setting [Enables Secure Mode Communication *(Must RESET Lift I/O)*]
- ON: Secure Mode Enabled, OFF: Secure Mode Disabled

Aux Mode Settings [M0 – AC Fail, M1 – Low BAT, M2 - Tamper]
- ON: Normal Open, OFF: Normal Closed

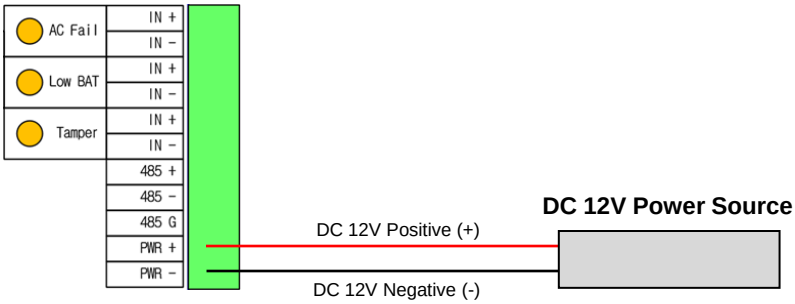
Lift I/O Configuration

The Lift I/O is configured via the BioStar SE software. Please see the BioStar manual for details.

Email: support@supremainc.com Website: www.supremainc.com

Power Connection

Use the following diagram to aid in powering the Lift I/O.

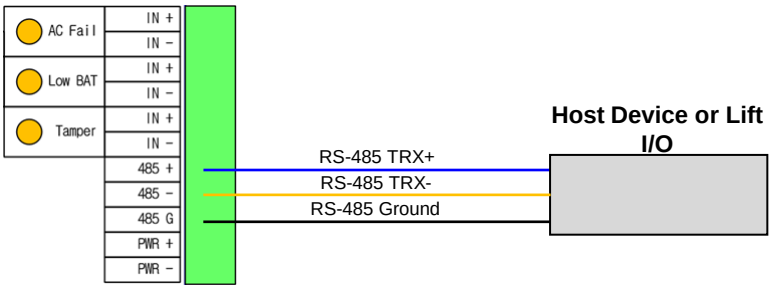


Recommended Power Supply:

- 12V ± 10%, greater than 1.0A per Lift I/O.
- Compliance with standard IEC/EN 60950-1
- When sharing power with other devices, use a power supply the correct cumulative current rating.

RS-485 Connection

Use the diagram below to aid in connecting Lift I/O to the host device or another Lift I/O. All three lines must be connected to ensure a stable communication. A daisy chain connection must be used when connection to another Lift I/O.



If the communication in the RS-485 is unstable, connect the enclosed 120 Ohm resistor between TRX+ and TRX- connector of Lift I/O for termination.

Relay Connection (Example)

Relay connections may differ from elevator to elevator. Please consult your elevator installer for details. Use the figure below as an example of a suggested connection. Each output has to be linked to the corresponding floor.