

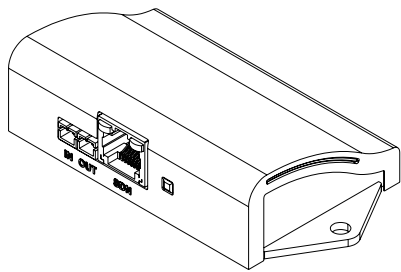
Control4 Zigbee

Installation Instructions

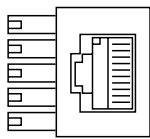


INSTALLERS: Please leave this manual with the owner.

PARTS LIST



Interface
(#1870533)



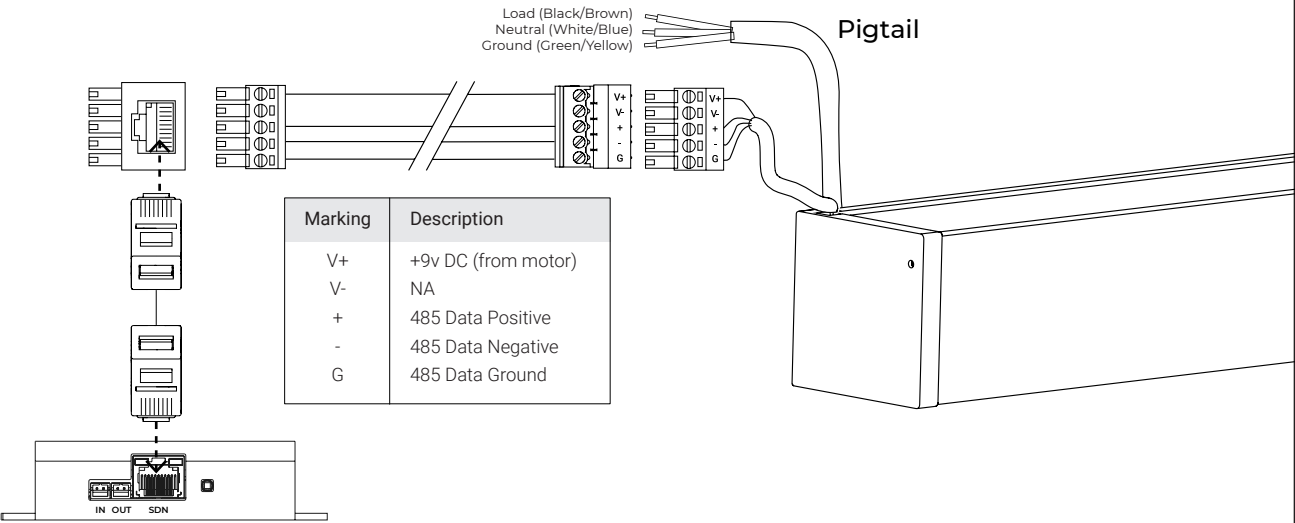
C4/ZBDMI bridge
(#340010)



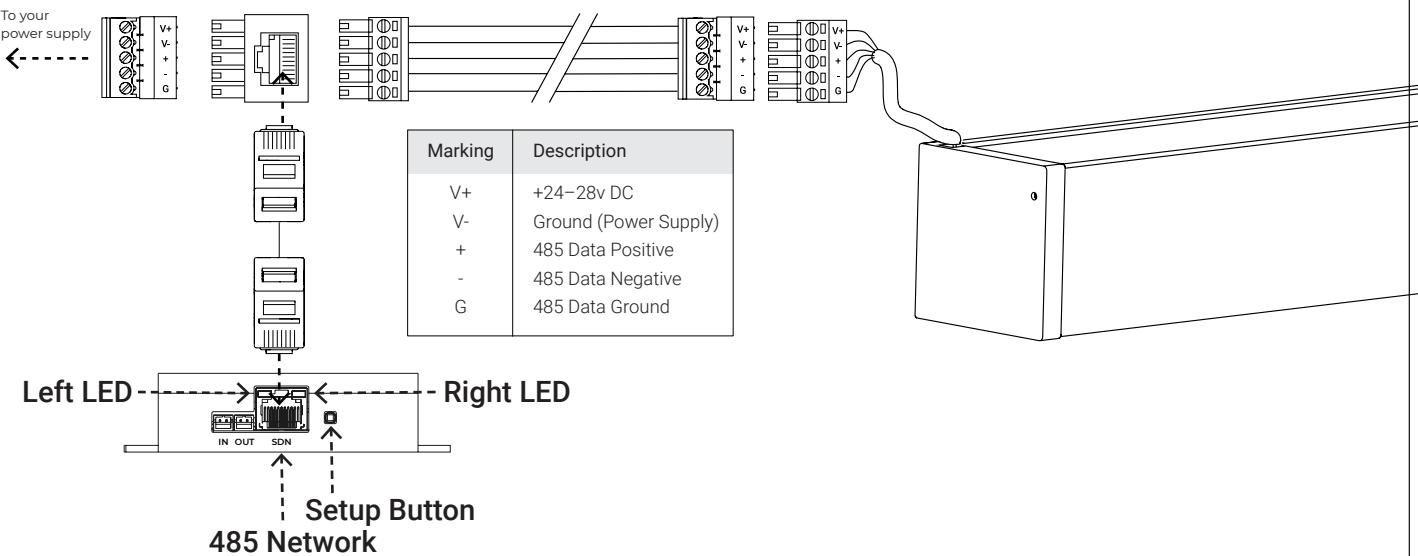
Cat5e

WIRING FOR DC AND AC MOTORS

DC Wiring (AC Motor - Wired control)



DC Wiring (DC Motor – Wired Control)



NOTE: The C4 Zigbee interface can be located up to 200' from the motor.

NETWORK SETUP

NOTE: One (1) C4 Zigbee is required for each motor.

- 1** Upon powering up, the RIGHT LED will flash ORANGE indicating its firmware version number.
 - a. Ex. Version 3.2
 - i. >> 3 ORANGE flashes
 - ii. >> 2 GREEN flashes
 - iii. Left LED shows power >> solid GREENUpon powering the device: LED will slowly flash ORANGE, indicating device is in inclusion mode.

- 2** Once joined to the Zigbee network, RIGHT LED turns solid ORANGE.
 - a. RIGHT LED from ORANGE to GREEN, indicating Zigbee communication.

- 3** To reset your device, press and hold the SETUP button for seven (7) seconds.
 - a. Device will now be in factory mode.

NOTE: If inclusion is unsuccessful (not blinking ORANGE), retry step 3.

LED Indicators

LEFT = power LED

RIGHT = Zigbee/SDN Communication

- i. Blinking ORANGE & GREEN >>> communication to motor
- ii. Blinking ORANGE >>> device is in Inclusion mode
- iii. Solid ORANGE >>> device is connected to the Zigbee network

Disconnecting the Digital Motor Interface from a Network:

- 1** SELECT the disconnect command on your C4 Zigbee controller.

NOTE: To manually disconnect the Control4 Zigbee Interface from the network, press and hold the SETUP button for seven (7) seconds. The Control4 Zigbee Interface will disconnect from the network when the inclusion LED starts flashing ORANGE.

NOTE: If the Control4 Zigbee module loses power, the motor will need to be rediscovered. When using the Control4 Zigbee with Janus and other large power supplies, the bridge allows the same motor to be discovered every time.

NETWORK SETUP

OPERATIONS WITH CONTROL4

- OPEN
- CLOSE
- GO TO Percentage
- STOP

MANUAL OPERATION

The setup button can be used to manually operate the motor at any time, as follows:

- Repeatedly pressing and releasing the SETUP button within ½ second will drive the motor in a sequence of Down-stop-up-stop.
 - 1st press – down command
 - 2nd press – stop command
 - 3rd press – up command
 - 4th press – stop command
- Example:
 - First, while the motor is at rest, press and release the SETUP button to drive motor down.
 - Next, press and release the SETUP button again to stop the motor.
 - Pressing and releasing the SETUP button one more time will drive the motor up.
 - A subsequent press and release will stop the motor.

FACTORY RESET

1. Press and hold the SETUP button for seven (7) seconds.
 - a. When button is released --- LED flashes ORANGE. Device is now in Inclusion mode.

NOTE: By default, the Control4 Zigbee Interface is in Inclusion mode.

REMOVAL FROM NETWORK

1. The Control4 Zigbee interface will be removed from the network when the inclusion LED turns off.
2. Press and hold the button for (7) seconds, which puts device into Inclusion mode.



Please use this QR Code to access the updated installation instructions and video tutorials.

Technical Support: 512.832.6939 (7:30am – 5pm) CST

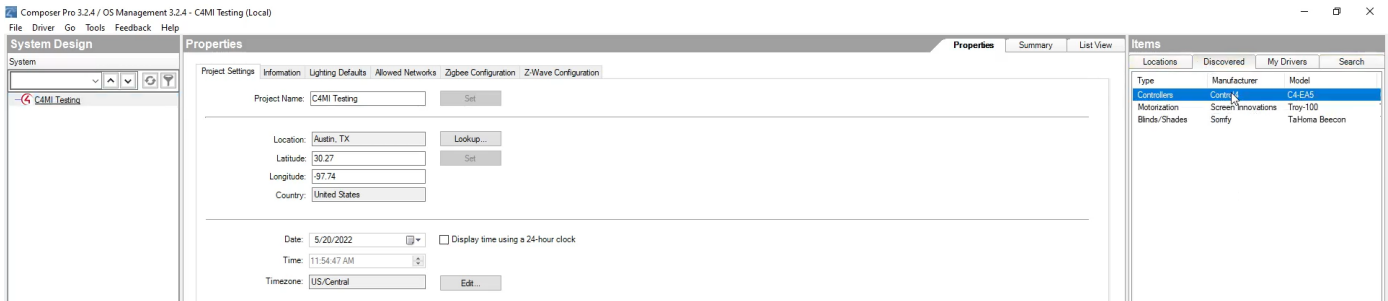
email: screensupport@screeninnovations.com | shadesupport@screeninnovations.com

screeninnovations.com

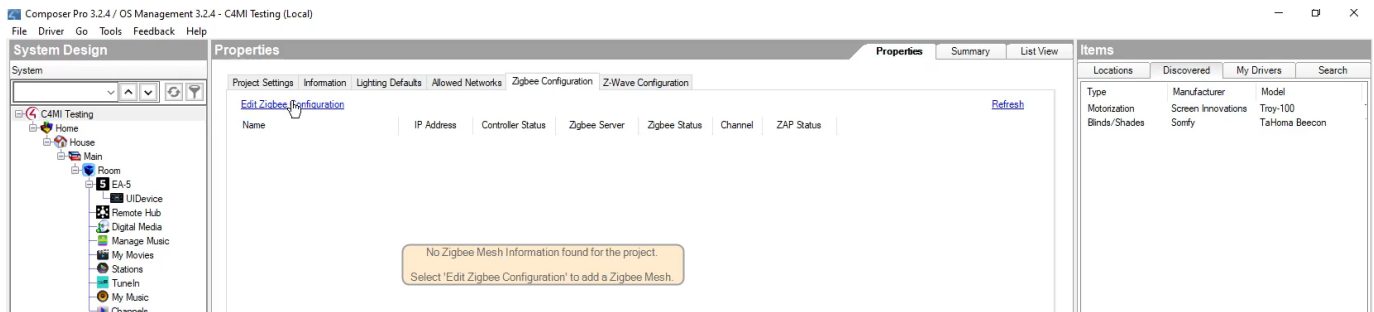
CONTROL4 SOFTWARE SETUP

Adhere to the following steps for Control4 software setup:

- 1 Create the project and add the Control4 processor.



- 2 Turn on the Zigbee server for Control 4 Zigbee connectivity.

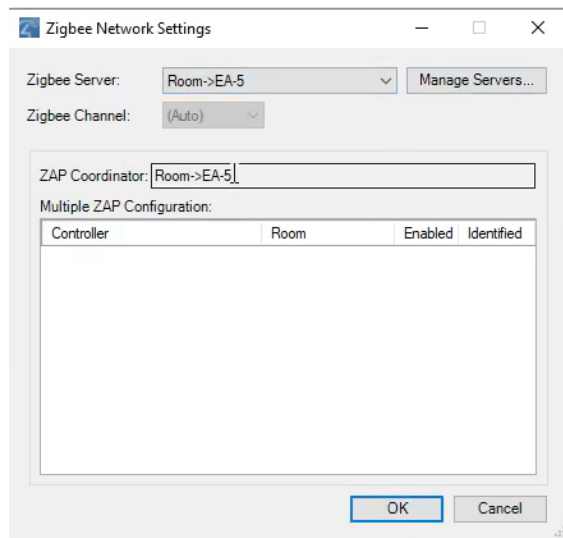
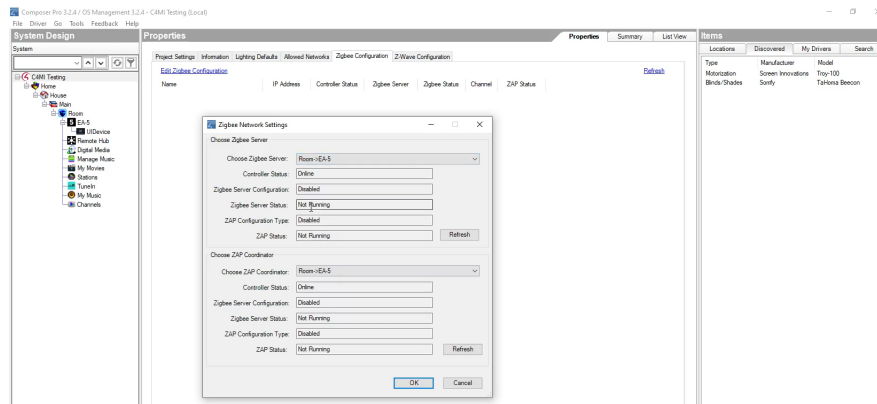


The following message will appear when first adding a Zigbee network:

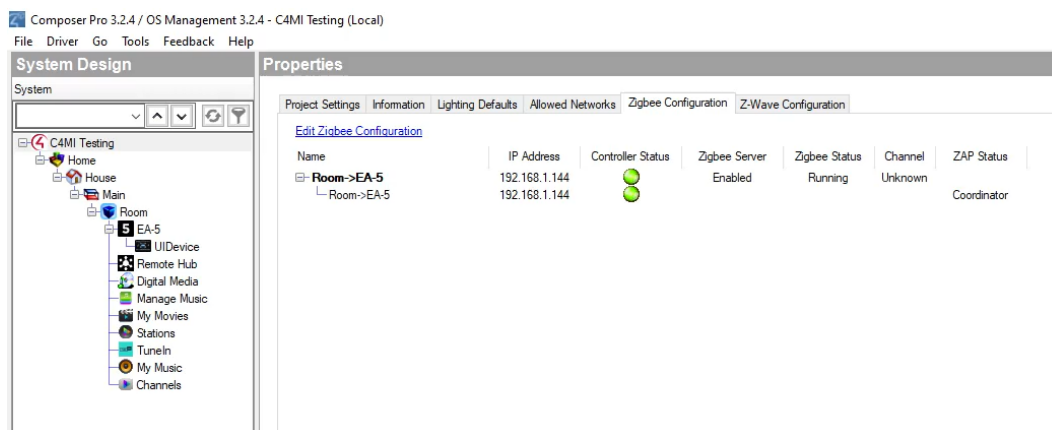


- 3 Create the necessary Zigbee configuration as seen from the following images:

CONTROL4 SOFTWARE SETUP



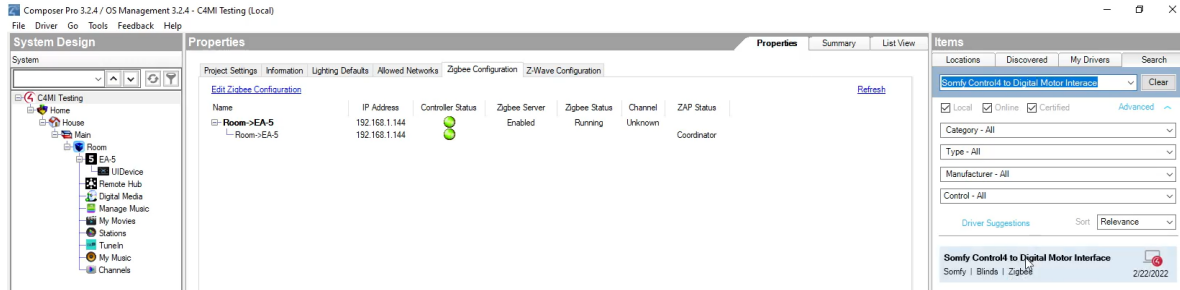
Here, the Zigbee connection shows it is running properly.



CONTROL4 SOFTWARE SETUP

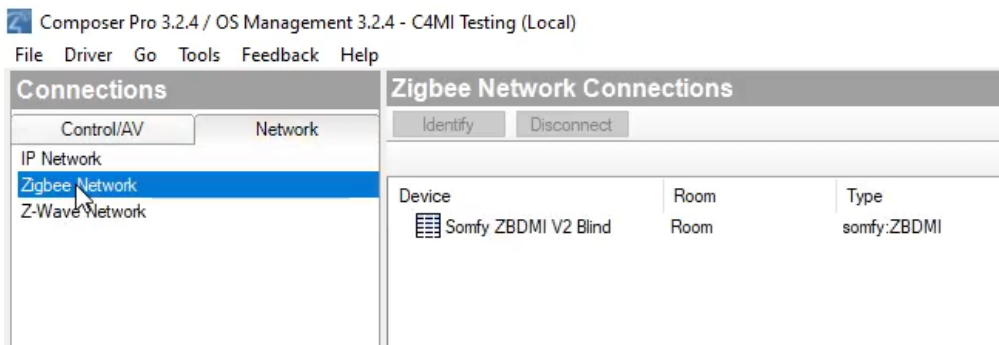
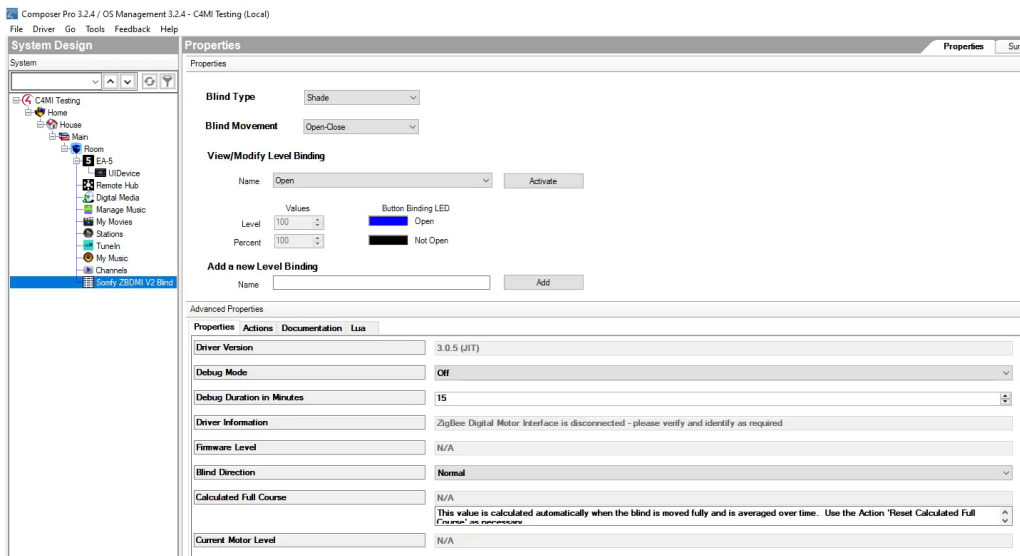
4

To add the driver, first search the driver, “Somfy Control4 to Digital Motor Interface,” then add it to the project.



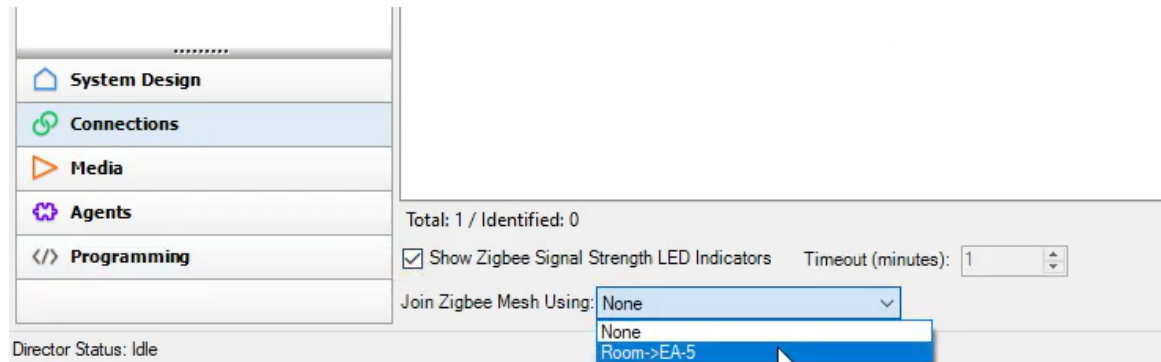
5

With the driver added, navigate to the “Connections” section, select the “Network” tab, and select the “ZigBee Network” option in the top left-hand column.



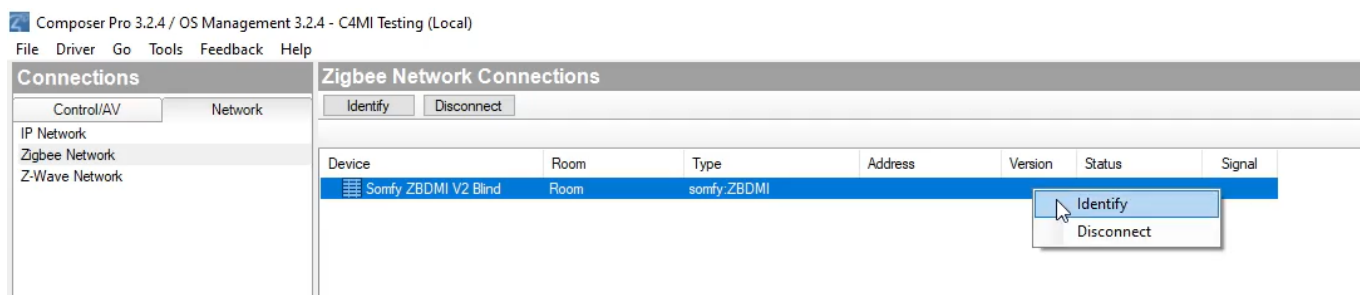
CONTROL4 SOFTWARE SETUP

- 6 Select the Zigbee Mesh Network from the device using the drop-down at the bottom of the screen.



- 7 Connect the Control4 Zigbee interface to the motor. Press and hold the button on the unit for five (5) seconds. This will put the unit into "Pairing Mode."

In the Composer software, click to highlight and add the Control4 Zigbee driver, then click the "Identify" button.



CONTROL4 SOFTWARE SETUP

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Wait for the Control4 Zigbee interface to pair with the Control4 Zigbee mesh.


Identify: Room-> Somfy ZBDMI V2 Blind

1 - Zigbee Mesh Selection:

Recommended mesh limit is 70 devices. [View Zigbee best practices.](#)

Room -> EA-5

2 - Identify your Device:



To Identify:

Power On Interface and wait for it to connect. Alternatively, hold Push Button for seven seconds and release to Identify the Somfy Interface.

Address:

< Previous

Next >

Close

The device is now paired with the Control4 Zigbee network.

Composer Pro 3.2.4 / OS Management 3.2.4 - C4MI Testing (Local)

File Driver Go Tools Feedback Help

Connections

Control/AV Network

IP Network
Zigbee Network
Z-Wave Network

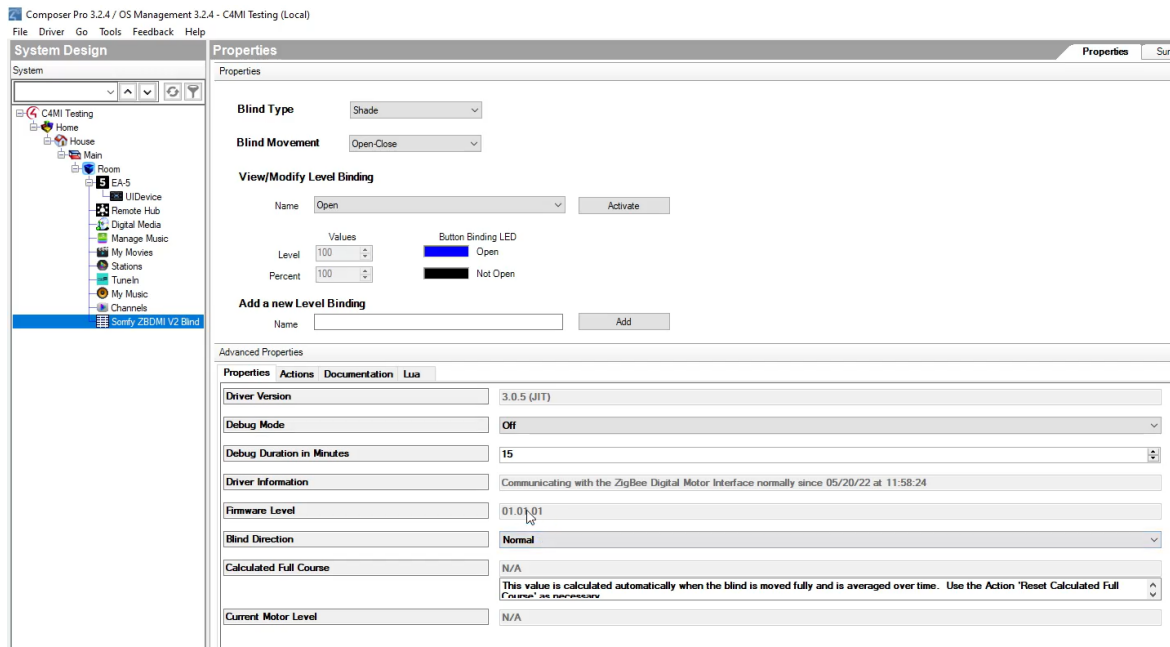
Zigbee Network Connections

Identify Disconnect

Device	Room	Type	Address	Version	Status	Signal
 Somfy ZBDMI V2 Blind	Room	somfy.ZBDMI	000d6ffffbf5c7e	01.01.01	 Online	

CONTROL4 SOFTWARE SETUP

In the “Driver Information” section, the added driver will show the communicating status of the device; double-click the Driver in the left-hand column to test the newly paired device.





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