



QUICK START GUIDE SHC™ Elan

INTEGRATION SUPPORT



SMART HOME COLLECTION PULSE PRO OVERVIEW

Elevate your Smart Home Collection experience by seamlessly integrating Automate motorized shades into ELAN Smart Home control systems. The SHC Pulse Pro offers a powerful integration with discrete shade control and two-way communication, providing real-time updates on shade position and battery levels. Featuring both Ethernet (CAT 5) and 2.4GHz wireless connectivity, the Pulse Pro ensures smooth home automation integration through an easy-to-access RJ45 port located on the back of the hub. Each hub supports up to 30 shades, making it a versatile solution for any home automation setup.

OVERVIEW:

Manufacturer:	Rollease Acmeda
Model Number(s):	SHC PULSE PRO
Core Module Version:	8.3
Driver Developer:	annex4
Document Revision Date:	1/24/2025

OVERVIEW & SUPPORTED FEATURES

This driver is a Lighting Interface Controller for the SHC Pulse Pro. It allows IP control over SHC shades from ELAN.

THE FOLLOWING OPTIONS ARE SUPPORTED BY THIS DRIVER:

- Dimmer, Shade, and Louvre lighting devices.
- Realtime feedback of shade positions updated to ELAN Core.
- Open, and Ramp Up commands.
- Close, and Ramp Down commands.
- Stop to halt the movement of rotation or positioning.
- Rotation accurate to 1.8% increments.
- Position accurate to 1% increments.





Any feature not specifically noted as supported should be assumed to be unsupported.

SHC PULSE PRO HUB CONFIGURATION

The hub will need to be installed and configured with the SHC Pulse application. All shades should be configured with the SHC Pulse application before starting the installation of the ELAN driver. Please refer to the SHC application for step by step instructions on how to add shades to your hub.

CONFIGURATION

As with all third-party drivers these do not reside in the typical listing of drivers from ELAN. To add this driver to an ELAN system:

1. Download the. EDRVC file associated with this document if you do not already have it.
2. Place the. EDRVC file in a location on your computer.
 - a. We recommend \User\<User>\Documents\Elan\Drivers.
3. In the g! Configurators navigate to the Lighting Interfaces item under Lighting.
4. Navigate to the location you saved the. EDRVC file to and select it.
5. Select "Rollease Acmeda Automate v2" from the list and click "OK".
6. A prompt will appear saying there will be no support from ELAN, click "OK".
7. The driver should now be visible under the Lighting Interfaces header.

INSTALATION PROCESS

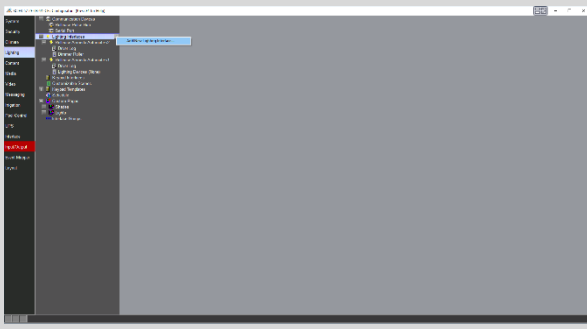
It is recommended that you follow the below installation process in order to proper functionality with the driver.

1. Select the Interface Type you want to use in Elan to control the shades.
 - a. You can do this by setting the configuration option "Interface Type" to "Dimmer", "Shade", or "Both".
2. Enter the IP address of the SHC Pulse Pro Hub in the "IP Address" field.
3. Click "Discover Devices" at the bottom of the lighting interface window.
 - a. Please wait a few seconds for the driver to find all the shades on the hub.
4. At this point your shades should be created under the lighting interface.
5. [Optional] If you want to control the rotation of the shade you can add a Louvre device
 - a. Select Lighting Devices (None) or any of the shades that have been created.
 - b. Select "Add New Device".
 - c. Select "Louvre Tilt".
 - d. Enter the Address of the shade in the "Shade Address" configuration line of the new device.
 - e. Enter "LOUVRE" (without quotes) into the Device Type field.
6. Bind the devices to user interface components in the custom pages.

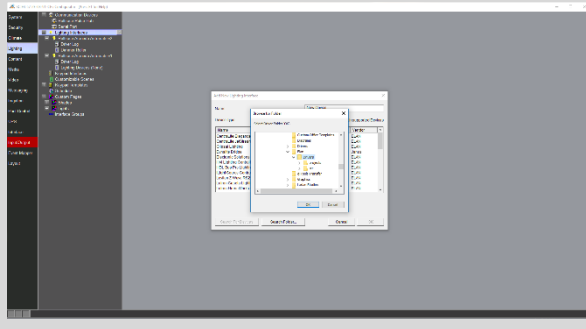




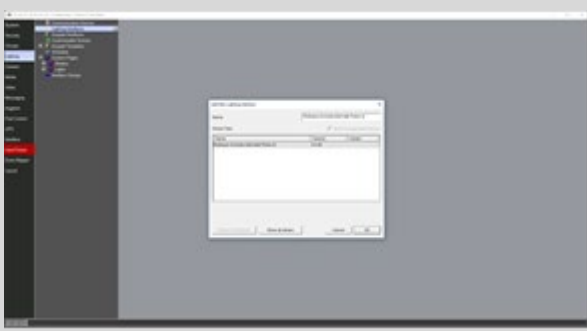
STEP 1



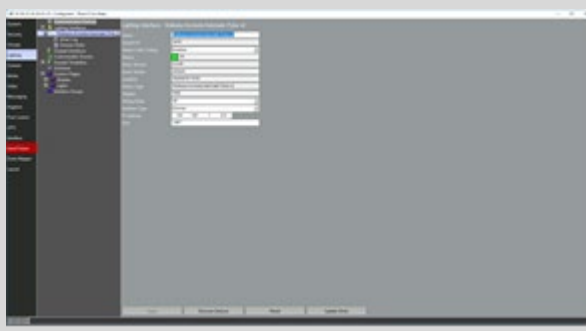
STEP 2



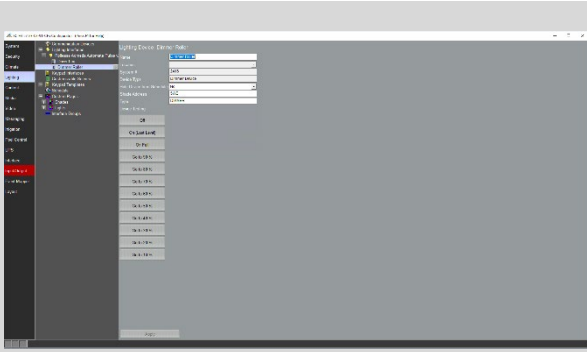
STEP 3



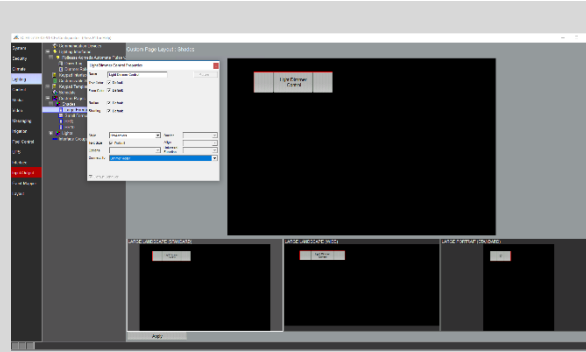
STEP 4



STEP 5



STEP 6



CONFIGURATION DETAILS

The following table provides settings used in Configurator. In the table below:

- | | |
|--------------------------|---|
| ○ "<User Defined>", etc. | Type in the desired name for the item. |
| ○ "<Auto Detect>", etc. | The system will auto detect this variable. |
| ○ "<System>", etc. | The setting has been automatically set by the system. |
| ○ "<Select>" | A dropdown with a list of options. |





Devices	Variable Name	Setting	Comments
Lighting Interface	Name	<User Defined>	Default "Rollease Acmeda Automate v2"
	System #	<System>	Defined by the system to identify the device
	Status Color Coding	<Select>	Enabled or Disabled
	Status	<System>	The state of the driver, where green is good and red means there was an installation problem.
	Driver Version	<System>	The version of the driver
	Driver Vendor	<System>	Annex4
	Installed	<System>	The date and time the driver was installed
	Device Type	<System>	The label identifying what type of device the driver is
	Shades	<System>	The listing of shades discovered by the driver
	Debug Mode	<Select>	Select the verbosity of the entries that should appear in the Driver Log
	Interface Type	<Select>	Select the type of devices that will be created when discovery occurs
	IP Address	<User Defined>	The IP address of the Pulse Pro Hub
	Port	<User Defined>	Defaults to 1487, this should not be changed unless the Hub itself has changed its IP address
Light Device	Name	<User Defined>	The name of the device
	Location	<Select>	The location of the device in the project
	System #	<System>	Defined by the system to identify the device
	Device Type	<System>	The type of device
	Hide Device from Scheduler	<Select>	
	Shade Address	<User Defined>	The address of the shade to control
	Type	<User Defined>	SHADE, DIMMER, or LOUVER.





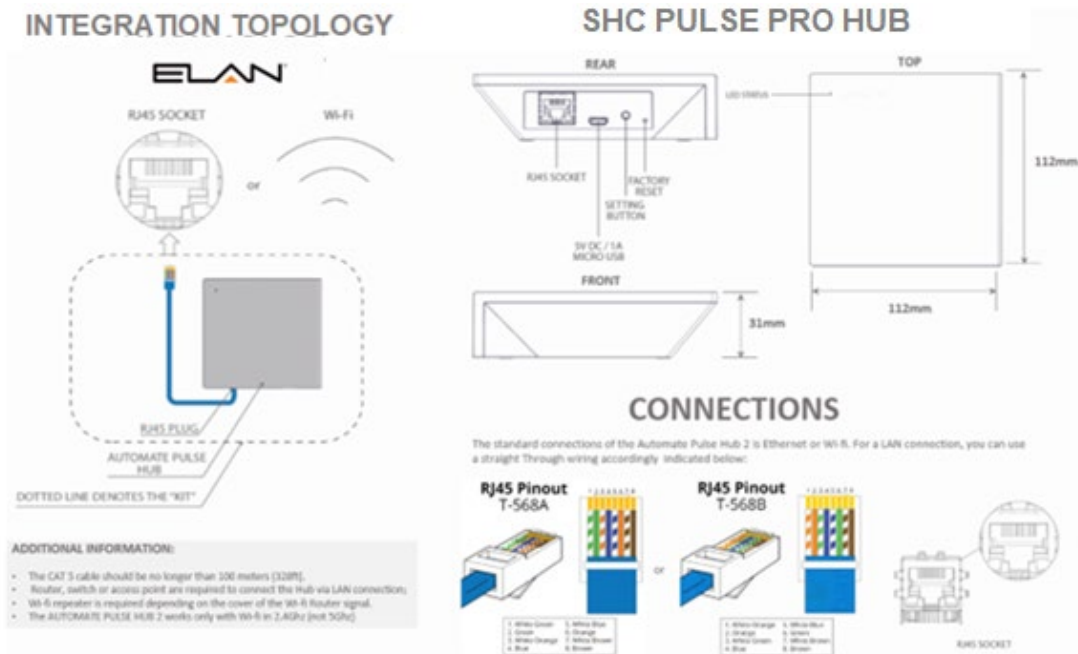
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COMMON MISTAKES

1. Entering the wrong IP address in the "IP Address" configuration line.
 - If you're failing to discover devices double check this!

ELAN CONTROL SYSTEM CONNECTION:



FREQUENTLY ASKED QUESTIONS:

Q. No Pulse Pro detected.

A. Make sure that your SHC Pulse Pro Hub is assigned to the correct network and get an IP Address available and still communicating with the network using the SHC App.

Q. Shade limits are not set properly.

A. Calibrate shade limits with your SHC remote before setting the appropriate open and close time within ELAN SYSTEM.

Q. Shade is not moving at all.

A. Make sure the selected Pulse Pro Hub is the correct Pulse Pro Hub for the shade to be controlled. Confirm the correct bindings are set in the ELAN System connections tab between the Pulse Pro Hub and Shade drivers.

Q. I have multiple Pulse Pros, what do I do?

A. Load two Automate Pulse Pro Hub drivers. After selecting "Retrieve Hubs" located in the driver actions tab, you will see different SHC Pulse Pro Hubs- select the desired one.

Q. I don't see any shade bindings in the Pulse Pro Hub driver?

A. Select "Retrieve Shades" located in the driver actions tab.

Q. How do I scan for available SHC Pulse Pro?

A. Once the SHC Pulse Pro Hub is properly connected via the Ethernet cable or Wireless network, navigate to the SHC Pulse Pro Hub Properties page within Composer. Select "Retrieve Hubs" located in the driver actions tab.

Q. We get unexpected responses from the ELAN system, or "?" symbols

A. Ensure that all connections using the ethernet port or Wi-Fi are working properly. The missed connection has been known to yield unwanted or unexpected results.



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SUPPORT RESOURCES:

For further assistance, visit our website at www.budgetblinds.com



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