

HDL[®]



**Integration
Curtain Control**

Introduction

HDL can integrate with other brands' devices. For curtain, HDL has already integrated with **Somfy**, if you want to control others, can provide the protocol to us, we will develop the firmware for you.



Connection

If you want to use HDL to control the Somfy, the connection is shown as below:



HDL Panel

HDL-MRS232.431

Somfy

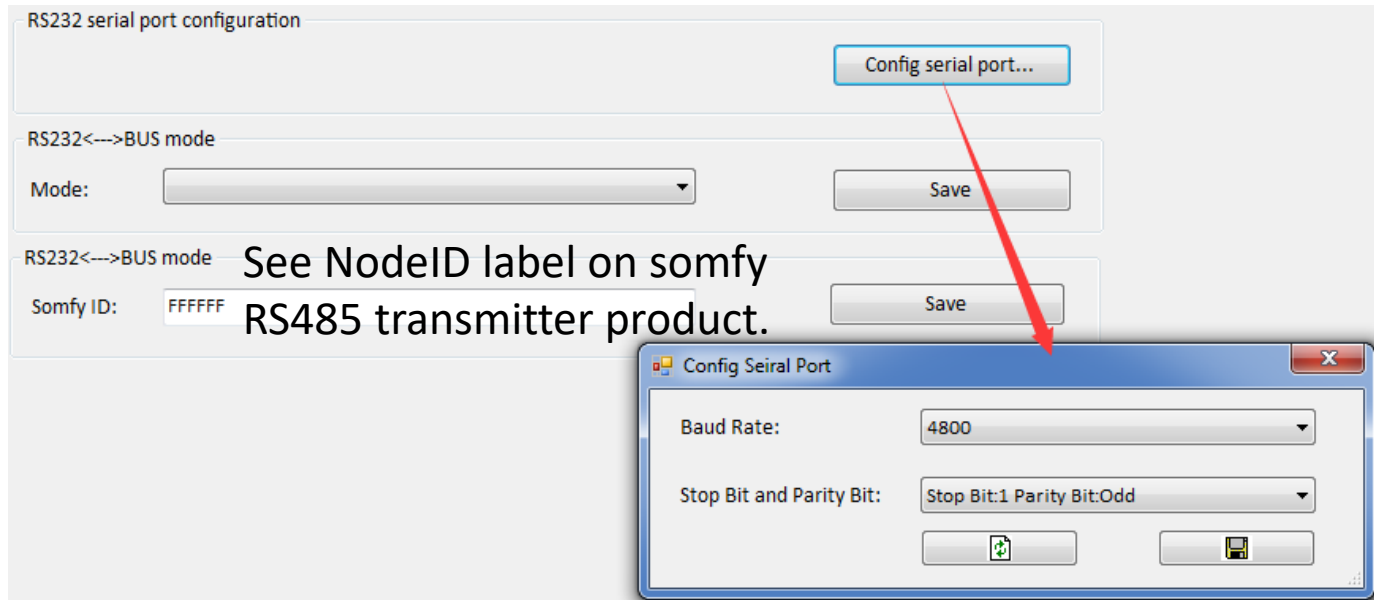
Curtain

— HDL Buspro

— RS485*

Configuration

Only need to use the special firmware (Somfy version) to upgrade the HDL-MRS232.431, And then open the HDL-MRS232.431 setting page by software, configure some setting.



The screenshot displays the 'RS232 serial port configuration' interface. It features a 'Config serial port...' button at the top right. Below it, there are two sections for RS232<---->BUS mode configuration. The first section has a 'Mode:' dropdown menu and a 'Save' button. The second section has a 'Somfy ID:' field with the value 'FFFFFF' and a 'Save' button. A red arrow points from the 'Config serial port...' button to a 'Config Seiral Port' dialog box. The dialog box shows 'Baud Rate' set to 4800 and 'Stop Bit and Parity Bit' set to 'Stop Bit:1 Parity Bit:Odd'. There are also 'OK' and 'Cancel' buttons at the bottom of the dialog box.

RS232 serial port configuration

Config serial port...

RS232<---->BUS mode

Mode:

Save

RS232<---->BUS mode

Somfy ID: FFFFFFFF

Save

See NodeID label on somfy RS485 transmitter product.

Config Seiral Port

Baud Rate: 4800

Stop Bit and Parity Bit: Stop Bit:1 Parity Bit:Odd

OK Cancel

Configuration

Panel setting

Targets Configuration

Basic Information
Subnet ID: 5 Device ID: 14 Name: 8按键液晶面板

Current selected page: 1

Current selected button: 1

Button type: Single ON/OFF Button name:

Targets

Input target number:(1-1) From 1 To 1 Read Save Targets create

Index	Subnet ID	Device ID	Type	Param1	Param2	Param3	Param4
1	5	16	Curtain Switch	1	Stop	N/A	N/A

Function: can control open/close/stop curtain by HDL panel, but cannot control the percentage.

HDL[®]

Serious about smart buildings.