

**Partner: Somfy**  
**Model: UAI+**  
**Device Type: Shade/Motor Control**



## GENERAL INFORMATION

|                                    |   |
|------------------------------------|---|
| <b>SIMPLWINDOWS NAME:</b>          | Somfy UAI+ v1.1 Endpoint Control  |
| <b>CATEGORY:</b>                   | Shades/Drapes   |
| <b>VERSION:</b>                    | 1.1   |
| <b>SUMMARY:</b>                    | This module provides control functionality for an endpoint (single or group of motors) connected to a Somfy UAI+.   |
| <b>GENERAL NOTES:</b>              | <p>This is a standalone “component” module allowing for controlling a single motor or a group of motors, referred to in this document as an “endpoint”.</p> <p>This module requires an instance of the primary “Somfy UAI+ v1.1 Command Processor IP” communication module be included in the program. Control for this “component” module will be bound to and flow through the primary Comm module.</p> |
| <b>CRESTRON HARDWARE REQUIRED:</b> | Crestron 3-Series processor.  |
| <b>SETUP OF CRESTRON HARDWARE:</b> | This module requires the “Somfy UAI+ v1.1 Command Processor IP” module in order to operate. Please read the help file associated with that module for additional information.   |
| <b>VENDOR FIRMWARE:</b>            | N/A   |
| <b>VENDOR SETUP:</b>               | N/A   |

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**PARAMETER:**

|                             |   |
|-----------------------------|---|
| <b>Command_Processor_ID</b> | Setting to indicate the instance of a particular UAI+ Comm module that this "component" module will be linked to. Up to 100 separate UAI+ Comm modules may be used in a single program, each one operating independently. This parameter is used to assign this particular component module to a specific UAI+.   |
| <b>Endpoint_Type</b>        | Setting to indicate the type of endpoint to be controlled, either a Single motor or a Group of motors.  |
| <b>Device_ID</b>            | Setting to indicate the Device ID of the endpoint. The meaning of this parameter will differ depending on the Endpoint_Type selected. If EndPoint_Type is Single, this will be the Device ID for the single motor you would like to control. If the Endpoint_Type is Group, this will be the Device ID for the single motor in your group to use for status feedback. |
| <b>Group_ID</b>             | Setting to indicate the Group ID to control. This value is only relevant if Endpoint_Type selected is Group. If Endpoint_Type is Single, double quotes ("" ) should be used in this field.  |

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**CONTROL:**

|                           |   |  |
|---------------------------|---|--|
| <b>Move_Up</b>            | D | Pulse to move the endpoint up.   |
| <b>Move_Down</b>          | D | Pulse to move the endpoint down.   |
| <b>Move_Stop</b>          | D | Pulse to stop the movement of the endpoint.  |
| <b>Move_To</b>            | D | Set the absolute position of the motor between 0 (fully up) and 100 (fully down).  |
| <b>Move_Relative_Up</b>   | A | Move the motor up relative to its current position. The value entered corresponds to "pulses" on the motor so the motor will move up X number of pulses relative to where it currently is.   |
| <b>Move_Relative_Down</b> | A | Move the motor down relative to its current position. The value entered corresponds to "pulses" on the motor so the motor will move down X number of pulses relative to where it currently is.                                     |
| <b>Move_IP_Next</b>       | D | Pulse to move to the next pre-defined "intermediate" position. Note, intermediate positions can only be recalled from this module. Actual set up of intermediate positions to be performed using the UAI+ software or webpage.     |
| <b>Move_IP_Prev</b>       | D | Pulse to move to the previous pre-defined "intermediate" position. Note, intermediate positions can only be recalled from this module. Actual set up of intermediate positions to be performed using the UAI+ software or webpage. |
| <b>Move_IP</b>            | A | Pulse to recall a specific pre-defined "intermediate" position. Note, intermediate positions can only be recalled from this module. Actual set up of intermediate positions to be performed using the UAI+ software or webpage.    |

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**FEEDBACK:**

|                               |   |   |
|-------------------------------|---|---|
| <b>Motor_Is_Initialized</b>   | D | High to indicate that the module state is currently in sync with the state of the endpoint.   |
| <b>Motor_Current_Position</b> | A | Value indicating the current position of the motor between 0 (fully up) and 100 (fully down). |

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**TESTING:**

|   |  |
|---|--|
| <b>OPS USED FOR TESTING:</b>            | CP3: 1.501.2867.24563  |
| <b>SIMPL WINDOWS USED FOR TESTING:</b>  | 4.07.03  |
| <b>CRES DB USED FOR TESTING:</b>        | 63.00.004.00   |
| <b>DEVICE DATABASE:</b>                 | 85.00.002.00   |
| <b>SYMBOL LIBRARY USED FOR TESTING:</b> | 1033   |
| <b>SAMPLE PROGRAM:</b>                  | Somfy UAI+ v1.1 Demo IP CP3  |
| <b>REVISION HISTORY:</b>                | v1.0 – Initial Release<br>v1.1 – fixed SIMPL# namespace/naming issue to allow for using UAI+ modules with myLink modules in same program |