

# Infusebox

## ModemUP Module v1.01

Information	
<b>Simple Windows Name</b>	ModemUP
<b>Category</b>	INFUSE Network
<b>Summary</b>	This Module is designed to keep a Cable/DSL modem and/or router alive.
<b>Supported Processors</b>	2-Series Crestron Processors
<p>This Module is designed to auto poll for internet connectivity. If the module finds that its connection to the internet fails, then it pulse an output for a period of time defined within the parameter field. We suggest that you use this with a power conditioner that provides a controllable switched outlet to power the cable modem. Alternately, you can use this to pulse a relay that momentarily breaks the power supply to the modem.</p>	

## Input: Digital

No digital inputs used

## Input: Serial

No serial inputs used

## Input: Analog

No analog inputs used

## Output: Digital

<b>Internet_Down</b>	Output drives high for a period equal to the parameter of Pulse_Length when Module is unable to confirm that the internet is up.
<b>Internet_Down*</b>	The inverse of Internet_Down

## Output: Serial

No Serial Outputs used

## Output: Analog

No Analog Outputs used

## Parameters

<b>Test_Freq</b>	Frequency which the module tests that the internet is up. Default is every 15 minutes
<b>Pulse_Length</b>	Length of Pulse of Internet_Down

For support contact [Support@infusebox.com](mailto:Support@infusebox.com)

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### ***Software Purpose and Authorized Use***

The aim of this software is merely to improve convenience for the system user by allowing a Crestron automation system to maintain internet connectivity if the Cable Modem or Router locks up by resetting the device. We provide the Original Software Source Code in module form to be added to your specific project code, doing so solely as necessary to program the system in order to maintain such convenience for the user.

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