GENERAL INFORMATION

SIMPLWINDOWS NAME:	SNMP Integer Control Module v1.1
CATEGORY:	Internet Utility Module
VERSION:	v1.1
SUMMARY:	This module is an internet utility module that supports, at this time, version 1 of the SNMP protocol. The module acts like a SNMP manager and connects to a SNMP agent.
GENERAL NOTES:	This module is an internet utility module that supports, at this time, version 1 of the SNMP protocol. The module acts like a SNMP manager and connects to a SNMP agent. This module is a control module of a multi-module design, and must be used with the SNMP Client Processing Module v1.1. Please read the help for the SNMP Client Processing Module for additional information. The module can be used to GET the values from a SNMP agent of types Integer, Counter, Gauge and TimerTicks. In addition it can be used to SET the values of type Integer, support for the other variable types are reserved for the future. The module provides an control interface for a single variable from the SNMP Agent. The variable values that this control module supports are 32bit long integer, both signed and unsigned.
CRESTRON HARDWARE REQUIRED:	Any Series 2 or Series 3 processor.
SETUP OF CRESTRON HARDWARE:	Ethernet Connection
VENDOR FIRMWARE:	n/a
VENDOR SETUP:	n/a

CONTROL:

Get_Value	D	Sends a query request to the processor module for the current value for the assigned OID.
Set_Value	D	Sends a set request to the processor module using the value that has been set via the "Value_High_16BIT" and Value_Low_16BIT.
Value_High_16BIT	A	Sets the High 16Bit value. The module will combine both the High and Low values to form a 32Bit Long Integer value.
Value_Low_16BIT	A	Sets the Low 16Bit value. The module will combine both the High and Low values to form a 32Bit Long Integer value.
From_Processor	S	Connects to one of the "To_Module[*]" output signals of the SNMP Client Processor Module v1.0. This is used to receive communication messages from the processor module.

PARAMETRS:

SNMP_OID		The assigned OID for the SNMP agent variable you wish to Set and or Get

FEEDBACK:

Is_Initialized	D	Indicates that this control has received a successfully response from its assigned OID.
Value_High_16BIT_FB	A	The current High 16BIT value from the assigned OID. Together with the Low 16Bit FB value makes up one 32Bit Long Integer.
Value_Low_16BIT_FB	A	The current Low 16BIT value from the assigned OID. Together with the High 16Bit FB value makes up one 32Bit Long Integer.
To_Processor	S	Connects to the "From_Modules" input signal of the SNMP Client Processor Module v1.0.

TESTING:

OPS USED FOR TESTING:	PRO2 [v4.007.005] CP3 [v1.005.0015]
SIMPL WINDOWS USED FOR TESTING:	v4.01.10
CRES DB USED FOR TESTING:	v36.00.007.00
DEVICE DATABASE:	v47.00.005.00
SYMBOL LIBRARY USED FOR TESTING:	843
SAMPLE PROGRAM:	n/a
REVISION HISTORY:	v1.0 – Initial Release v1.1 – Found some stability issues when running in 3 series processors.

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15 Volvo Drive • Rockleigh, NJ 07647
800.237.2041 / 201.767.3400

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