

GENERAL INFORMATION

SIMPLWINDOWS NAME:	SNMP OctetString 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:	<p>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.</p> <p>This module is a control module of a multi-module design, and must be used with the SNMP Client Processing Module v1.1.</p> <p>Please read the help for the SNMP Client Processing Module for additional information.</p> <p>The module can be used to GET the values from a SNMP agent of types OctetSting, IP_Address. In addition it can be used to SET the values of type OctetSting, 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.</p> <p>The variable values that this control module supports up to 128 bytes string.</p>
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" signal.
Value	S	Sets the string value used by the Set_Value signal.
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.

PARAMETERS:

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

Is_Initialized	D	Indicates that this control has received a successfully response from its assigned OID.
Value_FB	S	The current string value from the assigned OID.
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.