

GENERAL INFORMATION:

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| SIMPLWINDOWS NAME: | Qsys Core |
| CATEGORY: | Qsys |
| VERSION: | 4.3.1 |
| SUMMARY: | Multiple core modules can be used in the same program slot. This module has a built in reconnect feature. |
| GENERAL NOTES: | N/A |
| CRESTRON HARDWARE REQUIRED: | 3 Series Processor or 4 Series Processor |
| SETUP OF CRESTRON HARDWARE: | TCP managed inside the module. |
| VENDOR FIRMWARE: | N/A |
| VENDOR SETUP: | N/A |

CONTROL:

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| Initialize | D | Pulse to Initialize connection to the Q-SYS Core. Pulse this after DeploymentHost, TestingHost, DeploymentMode, and UseExternalConnection have been set to their desired states. |
| DeploymentHost | S | IP Address or Hostname of the Q-SYS Core to connect to for Deployment. This value will be used when DeploymentMode is 1. |
| [TestingHost] | S | IP Address or Hostname of the Q-SYS Core to connect to for Testing. This value will be used when DeploymentMode is 0. |
| DeploymentMode | A | Specifies whether to use DeploymentHost or Testing Host. 1: DeploymentHost 0: TestingHost |
| [Debug] | A | Specifies the Debug level for the program 0: Disabled 1: Logging Enabled 2: Debug Enabled 3: All Enabled Debug prints to Console Output. |
| [UseExternalConnection] | D | Raise to handle TCP connection outside of this module. |
| [ExternalConnectionRx] | S | Rx from the external TCP socket. |

FEEDBACK:

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| [IsInitialized] | D | Signal used to show if the Q-SYS Core has been initialized. |
| [IsConnected] | D | Signal used to show if the Q-SYS Core is communicating. |
| [IsLoggedIn] | D | Signal used to show if this module is logged in with the Q-SYS Core. |
| [IsRedundant] | D | Signal used to show if the Q-SYS Core is redundant. |
| [IsEmulator] | D | Signal used to show if the Q-SYS Core is connected to an emulated file. |
| [DesignName] | S | Signal used to show the current running design on the Q-SYS Core. |
| [ExternalConnectionTx] | S | Tx to the external TCP socket. |

PARAMETERS:

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| CoreID | S | Used to Address Core Module to Control Modules |
| Username | S | Username for the Core (if required) |
| Password | S | Password for the Core (if required) |
| Port | Dec | Default: 1710 Can be changed if doing port forwarding to get to a Q-SYS Core |

TESTING:

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| SAMPLE PROGRAM: | 3-Series: 3 Series Test.smw 4-Series: 4 Series Test.smw |
| REVISION HISTORY: | |