



Release Notes

Driver – DSC Powerseries-Neo Security System IP

This release note is for the Crestron driver SecuritySystem_DSC_PowerSeries-Neo_IP

Notes

N/A

System Requirements and Dependencies

- AV Framework – not supported
- Crestron database / Simpl - 207.00.001.00
- Crestron Home – 3.009
- XiO Cloud Monitoring – not supported
- DSC Firmware - 5.43
- 4-Series PUF - 2.6000.0020

Installation

- Follow the on-screen prompts to configure the driver.
- Ethernet module communication with the main board
 - No communication with the driver is possible while this setting is disabled.
 - All attempts to enter the 851 menu in the next steps while this is disabled will result in a long solid beep.
 1. Enter code *8 [Installer Code] 382
 2. Scroll to fifth option – “Alternate Comm”
 3. Verify/Set value to Y by pressing the “5” on the keypad
 4. Press ### to exit back to the main screen

- Integration identification number
 - Used as a user attribute on the driver and is required for communication. This value is not changeable on the device and will be unique to each DSC device.
 - The number will always be twelve digits.
 1. Enter code *8 [Installer Code] 851 422
 2. Note the first six digits for later use by the driver
 3. Use the “>” arrow key to move to the remaining set of digits
 4. Press ### to exit back to the main screen
- Integration access code
 - Used as a user attribute on the driver and is required for communication. This value is changeable on the device.
 - This is not the same as the access code used in the menus.
 - The number will always be eight or more digits
 1. Enter code *8 [Installer Code] 851 423
 2. Note the first four digits for later use by the driver
 3. Use the “>” arrow key to move to the remaining set of digits
 4. Press ### to exit back to the main screen
- Integration timeout
 - The driver requires this value to be 5 minutes and 4 seconds.
 - The driver will disconnect from the device intermittently or not detect disconnects in a timely manner if this is not set as defined here.
 - The value is in hex format.
 1. Enter code *8 [Installer Code] 851 711 0000 0130
 2. Press ### to exit back to the main screen

- Integration toggle options
 - Flags are set by entering the key code number corresponding to the option number and each press toggles the state. The option is ON if the value appears on the screen.

1. Enter code *8 [Installer Code] 851 425
2. Set flags:



- Option 1: OFF
- Option 2: OFF
- Option 3: ON
- Option 4: Do not change
- Option 5: ON
- Option 6: OFF
- Option 7: OFF
- Option 8: OFF

3. Press ### to exit back to the main screen

- Integration communication options
 - Flags are set by entering the key code number corresponding to the option number and each press toggles the state. The option is ON if the value appears on the screen.

1. Enter code *8 [Installer Code] 851 426
2. Set flags:



- Option 1: Does not matter
- Option 2: OFF
- Option 3: ON
- Option 4: Does not matter
- Option 5: Does not matter
- Option 6: Does not matter
- Option 7: Does not matter
- Option 8: Does not matter

3. Press ### to exit back to the main screen

- Driver / Processor IP address
 - The device requires the IP address of the listener it will communicate with. This will be the IP address of the Crestron processor running the driver that is reachable by the DSC device.
 1. Enter code *8 [Installer Code] 851 428 [IP Address]
 - Example: *8 5555 851 428 **192 168 001 053**
 - Each octet of the IP address must be three digits, padded with leading zeros when necessary.
 2. Press ### to exit back to the main screen

- Notification port
 - This value is hard-coded within the driver.
 1. Enter code *8 [Installer Code] 851 429
 - Make value 0C00 (port 3072)
 2. Press ### to exit back to the main screen
- Polling port
 - This value is hard-coded within the driver.
 1. Enter code *8 [Installer Code] 851 430
 - Make value 0C01 (port 3073)
 2. Press ### to exit back to the main screen
- IP Address and port
 - The IP address must be set to the IP address of the processor that the DSC security system is pointed to.
 - The port value is not used – it is reported as the Notification port.

End-User Experience

N/A

Limitations

- Only one instance of this driver is allowed per control system.
- The driver's IP address must be set to the IP address of the processor.
- The security system device initiates all communication with the driver. The driver may have to listen for connections for a few minutes before the device will attempt a connection.
- Arming/Disarming with an access code will be successful provided the user-entered value starts with the correct access code.
- The driver will report it has an alarm if the device connects to the driver after the triggered alarm has occurred, but the driver will not know what the alarm type is.

Supported Features

- Arm-Stay
- Arm-Away
- Disarm
- Arming State feedback
- Alarm State

Test Environment

- Crestron Home v3.9
- SIMPL Module - Crestron Certified Drivers Security System Ethernet v1.0

Version History

1.0000.0000 - 9/15/2021

Changes since Last Version

- Initial driver release with per driver release notes.