Partner: Napco
Model: Gemini Security
Device Type: Security System

CERTIFIED INTEGRATED PARTNER

GENERAL INFORMATION

SIMPLWINDOWS NAME:	Napco Gemini Security
CATEGORY:	Security
VERSION:	V 1.0
SUMMARY:	This module controls the Napco Gemini Security system via TCP/IP.
GENERAL NOTES:	This module controls the Napco Gemini Security system via TCP/IP. The module offers keypad control and system status feedback. Start the module by triggering the Initialize input. Wait for the Initialization_is_Complete output to latch high before using the module.
CRESTRON HARDWARE REQUIRED:	3-Series processor
SETUP OF CRESTRON HARDWARE:	Connect the processor on the same network as the Gemini Security System
VENDOR FIRMWARE:	N/A
VENDOR SETUP:	Connect the Gemini Security system on the same network as the Crestron processor. Configure port 8003 to be used by the Crestron system.
CABLE DIAGRAM:	Standard CAT5 cable

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CONTROL:		
Initialize	D	Pulse to Initialize the module.
Poll_Status	D	Pulse to retrieve the system status information.
Digit_[0-9|*]	D	Pulse to select digit [0-9|*]
ENTER/On_Off	D	Pulse to select Enter/On_Off
RESET	D	Pulse to select reset.
STAY/INTERIOR	D	Pulse to select STAY/INTERIOR
AWAY/INSTANT	D	Pulse to select AWAY/INSTANT
BYPASS	D	Pulse to select BYPASS
FIRE	D	Pulse to trigger the fire alarm.
ALARM	D	Pulseto trigger the alarm.
POLICE	D	Pulse to trigger the police alarm.
MENU	D	Pulse to select MENU.
Clear_Keypad	D	Pulse to clear the current keypad input buffer.

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FEEDBACK:

Initialization_is_Complete	D	High to indicate that the module is initialized and ready to be used.
Message	S	Status message from the Gemini system
Keypad_Text	S	The current input of the keypad.
Status_LED_Status_Analog	A	Indicates the status of the Status LED 0 : Off 1: On 2: Flashing 3: Slow Flash 4: Custom cadence A 5: Custom cadence B 6: Instant mode flash
Armed_LED_Status_Analog	A	Indicates the status of the Armed LED 0 : Off 1: On 2: Flashing 3: Slow Flash 4: Custom cadence A 5: Custom cadence B 6: Instant mode flash
Sounder_Status_Analog	A	ndicates the status of the Sounder 0 : Off 1: On 2: Flashing 3: Slow Flash 4: Custom cadence A 5: Custom cadence B 6: Instant mode flash
ARMED_STAY	D	High to indicate that ARMED_STAY mode is active.
ARMED_AWAY	D	High to indicate that_AWAY mode is active.
ARMED	D	High to indicate that the system is armed.
ALARM_IS_ACTIVE	D	High to indicate that the alarm is active.
FIRE_ALARM_IS_ACTIVE	D	High to indicate that the fire alarm is active.
System_Trouble	D	High to indicate that there is a problem detected in the security system
Guard_Tour	D	High to indicate that Guard Tour is enabled.
Entry_Delay	D	High to indicate that entry delay is enabled.

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800.237.2041 / 201.767.3400

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Certified Module

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TESTING:

OPS USED FOR TESTING:	V 1.10.0060
SIMPL WINDOWS USED FOR TESTING:	V 4.02.56
DEVICE DB USED FOR TESTING:	V 63.00.002.00
CRES DB USED FOR TESTING:	V 49.06.005.00
SYMBOL LIBRARY USED FOR TESTING:	927
SAMPLE PROGRAM:	Napco Gemini Security v1.0 MC3 Demo
REVISION HISTORY:	V 1.0

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