DoorBird Crestron Module Help

Test Case

Crestron MC3	Version 1.501.2867.25137
Crestron App	Version 105.15.0
Doorbird D101	Firmware 0001000 BuildNumber 43119

Setup
Set up the Doorbird, Crestron processor and user interface on the same network.
Initialize the module's UserName, Password and Host inputs with the information for your Doorbird.
Pulse the Initialize input once when the Crestron processor reboots.

Symbol Definitions

Debug	Digital Input	Enables print statements to the console when enabled.
UserName	Serial Input	A serial string containing a User Name for Doorbird communication.
Password	Serial Input	A serial string containing a Password for Doorbird communication.
Host	Serial Input	A serial string containing the IP Address or Host Name of the Doorbird
Initialize	Digital Input	Pulse once after after processor reboot to intialize the Crestron module. The Doorbird does not need to be online to initialize the Crestron module.
LiveImageRefresh	Digital Input	Pulse to refresh the LiveImageUrl output.
LiveImageUrl	Serial Output	A URL to display the live camera image.
HistoryImageRequest	Analog Input	Initialize to update the HistoryImageURL. Valid values are 1 - 20.
HistoryImageURL	Serial Output	A URL to display the images stored in DoorBird.
LiveVideoURL	Serial Output	A URL to display live video.
openDoor	Digital Input	Pulse to activate the open door contact.
lightOn	Digital Input	Pulse to turn the camera light on.
Section: Notifications		
doorBellNotificationRequestOn	Digital Input	Pulse to enable door bell notifications.
doorBellNotificationRequestIsOn	Digital Output	Indicates whe door bell notifications are enabled. Updates when any notification on/off request is made.
doorBellNotificationRequestOff	Digital Input	Pulse to disable door bell notifications.
doorBellNotificationRequestIsOff	Digital Output	Indicates whe door bell notifications are disabled. Updates when any notification on/off request is made.
motionSensorNotificationRequestOn	Digital Input	Pulse to enable motion sensor notifications.
motionSensorNotificationRequestIsOn	Digital Output	Indicates when motion sensor notifications are enabled. Updates when any notification on/off request is made.
motionSensorNotificationRequestOff	Digital Input	Pulse to disable motion sensor notifications.
motionSensorNotificationRequestIsOff	Digital Output	Indicates whe motion sensor notifications are disabled. Updates when any notification on/off request is made.
doorOpenNotificationRequestOn	Digital Input	Pulse to enable door open notifications.
doorOpenNotificationRequestIsOn	Digital Output	Indicates whe door open notifications are enabled. Updates when any notification on/off request is made.
doorOpenNotificationRequestOff	Digital Input	Pulse to disable door open notifications.
doorOpenNotificationRequestIsOff	Digital Output	Indicates whe door open notifications are disabled. Updates when any notification on/off request is made.
doorBellNotificationPulseTime	Analog Input	Decimal value for time in seconds to pulse the doorBellNotificationPulse output.
doorBellNotificationPulse	Digital Output	Pulses when a door bell notification is received.
doorBellNotificationRelaxationTime	Analog Input	Decimal value for minimum time in seconds between door bell notifications. Sent to Doorbird when any notification on/off request is made.
doorBellNotificationRelaxation	Analog Output	Decimal value for currently set minimum time in seconds between door bell notifications. Updates when any notification on/off request is made.

Section: Notifications (continued)		
motionSensorNotificationPulseTime	Analog Input	Decimal value for time in seconds to pulse the motionSensorNotificationPulse output.
motionSensorNotificationPulse	Digital Output	Pulses when a motion sensor notification is received.
motionSensorNotificationRelaxationTime	Analog Input	Decimal value for minimum time in seconds between motion sensor notifications. Sent to Doorbird when any notification on/off request is made.
motionSensorNotificationRelaxation	Analog Output	Decimal value for currently set minimum time in seconds between motion sensor notifications. Updates when any notification on/off request is made.
doorOpenNotificationPulseTime	Analog Input	Decimal value for time in seconds to pulse the doorOpenNotificationPulse output.
doorOpenNotificationPulse	Digital Output	Pulses when a door open notification is received.
doorOpenNotificationRelaxationTime	Analog Input	Decimal value for minimum time in seconds between door open notifications. Sent to Doorbird when any notification on/off request is made.
doorOpenNotificationRelaxation	Analog Output	Decimal value for currently set minimum time in seconds between door open notifications. Updates when any notification on/off request is made.
Section: Info		
infoRequest	Digital Input	Pulse to update FIRMWARE, BUILD_NUMBER and WIFI_MAC_ADDR outputs.
FIRMWARE	Serial Output	Indicates the DoorBird firmware version.
BUILD_NUMBER	Serial Output	Indicates the DoorBird firmware build number.
WIFI_MAC_ADDR	Serial Output	Indicates the DoorBird wifi MAC address.
Parameters		
serverNotificationPort	Decimal Parameter	Decimal indicating the server port to use for DoorBird notifications. Make sure there are no other devices communicating with your processor on this port.
ethernetAdapter	Decimal Parameter	Decimal indicating the processor's ethernet adapter to use.