



Discover The Possibilities™



# HouseLogix HSIM

## Module Setup

### About:

HouseLogix provides the HSIM for security integration that is compatible with DSC and Honeywell/Ademco security systems. HouseLogix brings Compass Control and security closer than ever. Compass Control and HouseLogix provide arming/disarming of system as well as real-time feedback and status updates.

### Setup Communication:

The HSIM is controlled over RS-232. After adding the module, please drag and drop the HSIM into the desired Master Controller RS-232 port.

### Setup in Navigator:

After adding the module, check the "Project" variables folder in Navigator. A new variable named "HouseLogix\_ControlType" will be present. This value is an integer of value 1 or 2. Please look below for your variable value.

- For Honeywell/Ademco users, please set the variable to 1.
- For DSC users, please set the variable to 2.

### Wiring Diagram:

The HSIM is connected to the Master Controller via RS-232. On the other end, there are four outputs that run to the security system of choice. Please refer to the table below for wire setup. The HSIM Pins run to the matched connection on the chart.

HSIM Pin	Honeywell/Ademco	DSC
DO	Remote Keypad Yellow	Green
DI	Remote Keypad Green	Yellow
+	Remote Keypad Red	Red
-	Remote Keypad Black	Black

### Setting Up the HSIM:

The HSIM needs two properties defined in order to function properly. Please open the provided "KD-HouseLogix-SEC-HSIM-v1511\_RS.lib" file using the RS-232 Manager. Please set the IP address of the Master Controller and RS Port so it's ready for communication. There are three commands with asterisk "\*" that may be used. Please follow these next steps:

- For Honeywell/Ademco Users
  1. Select "\*\*\*Set Address to Module\*\*" and hit Test Function. Enter the desired address. The HSIM keypad address will be set.
  2. Select "\*\*\*Set to Honeywell/Ademco Mode\*\*" and hit Test Function
  3. Set up complete!
- For DSC Users
  1. Select "\*\*\*Set Address to Module\*\*" and hit Test Function. Enter the desired address. The HSIM keypad address will be set.
  2. Select "\*\*\*Set to DSC Mode\*\*" and hit Test Function
  3. Set up complete!

### Setup Complete:

Set up is complete and the project may now be uploaded into the cloud and downloaded to the Compass Control App.