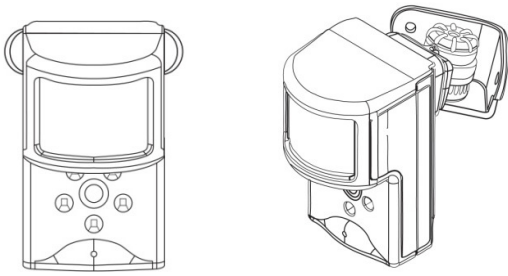
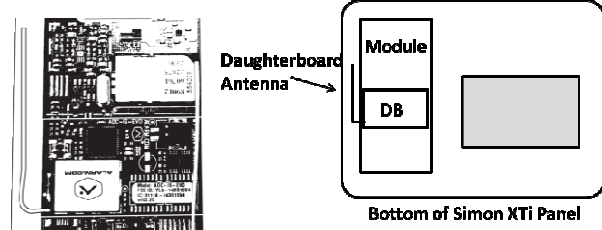


Alarm.com Image Sensor

Installation Guide



Simon XTi- Bend the antenna at a 90° angle ¼ of an inch from the edge of the daughterboard. The daughterboard antenna should rest inside the panel's plastic casing parallel to the panel.

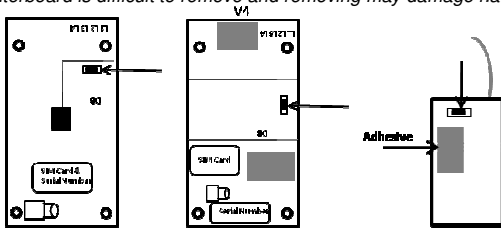


HARDWARE COMPATIBILITY

- **Security Control Panel:** Interlogix Simon XT v1.3 or higher or XTi v 1.0 or higher
- **Alarm.com Module:** Simon XT Module with firmware 146 or higher (XTi requires module with firmware 151 or higher)
- **Required Daughterboard:** Image Sensor daughterboard (attached to compatible Alarm.com module)
- **Available Zones:** One zone per Image Sensor installed. On the Simon XT only, one additional zone is required for the required daughterboard. Up to three Image Sensors may be added per system. (Note: The Alarm.com GSM Module V4 is required to use both Image Sensor and emPower™.)

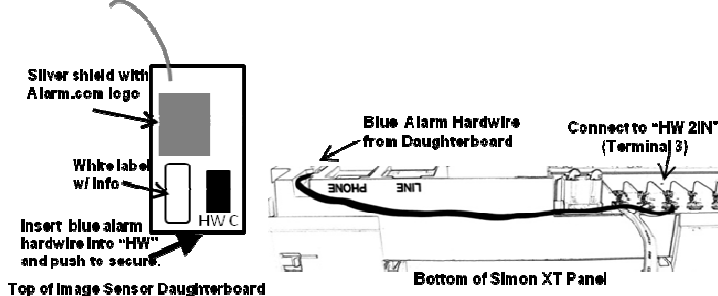
HARDWARE INSTALLATION

1. **Create Alarm.com Customer Account-** Select service plan (including Image Sensor add-on) and register the Alarm.com module serial number on the Dealer Website.
2. **Install Image Sensor Daughterboard-** Locate the connector on the back of the daughterboard. Remove the green backing from the daughterboard mounting adhesive. While the module is powered down, align the daughterboard and module connector. Press to secure. (NOTE: Verify module compatibility before attaching. Once attached, daughterboard is difficult to remove and removing may damage hardware.)



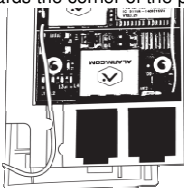
3. Install Alarm.com Module Inside Control Panel

4. **FOR SIMON XT ONLY, Connect Daughterboard Alarm Wire-** On the XTi panel, the blue alarm hardwire is not required and should not be connected. For XTi panels, skip to step 5. When using the Simon XT panel, you must connect the included blue wire from the "HW" hardwire output located on the daughterboard (use "HW" not "C") to the "HW2 IN" (terminal 3) slot on the Simon XT panel to enable local alarm activations. Once an Image Sensor has been enrolled into the panel, a hardwire zone will automatically be programmed as "Sensor 39: ISHW." To ensure alarms are tripped properly on Image Sensors according to their enrolled group, the hardwire sensor group is automatically configured. Do NOT alter the sensor group of Sensor 39 ISHW. (Note: On the Simon XT, the panel screen will display "Sensor 39: ISHW Alarm" regardless of which Image Sensor tripped the alarm. The Alarm.com Website & notifications, and the central station report will indicate the specific Image Sensor that tripped the alarm.)



5. **Route Daughterboard Antenna-** It is important to be sure that daughterboard antenna is pulled away from the Alarm.com module. Follow the panel-specific antenna routing guidelines to optimize sensor range.

Simon XT- The antenna should be pulled down off the Alarm.com module and routed in a "J" shape to the left towards the corner of the panel



6. **Register Module and Test-** Power the panel and initiate a comm-test to ensure the Alarm.com module is properly installed and communicating with the Alarm.com NOC.

If the daughterboard LED is blinking, refer to this chart for LED trouble diagnostics.

Daughterboard Status LED Activity Reference		
LED	Device Status or Error	Duration of LED Pattern
Z1 Solid Red	Daughterboard is Receiving Power	While the daughterboard is powered and the module is not in power save mode.
Off	Daughterboard Not Receiving Power or Module in Power Save Mode	Until daughterboard receives power or module returns from power save mode.
Z1 & Z2 Fast Blinks	Incompatible Module or Hardware Issue	Module not compatible w/ Image Sensor (Firmware 146 & up required) or there is a hardware failure.

REGULATORY INFORMATION

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: (1) Reorient or relocate the receiving antenna. (2) Increase the separation between the equipment and receiver. (3) Connect the equipment into an outlet on a circuit different from that which the receiver is connected. (4) Consult the dealer or an experienced radio/TV technician for help. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with the FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

FCC ID: YL6-143IS20EVD IC: 9111A-143IS20EVD