

How do motion sensors report Sensor Activity Monitoring statuses?

Sensor Activity Monitoring (SAM) for motion sensors and Image Sensors enables the sensor to report if it has recently detected motion (status shows as *Activated*) or if it has not detected motion recently (status shows as *Idle*). Each time a motion sensor or image sensor detects motion, Alarm.com updates that sensor's status to *Activated* on the Partner Portal, MobileTech app, customer app, and customer website. To avoid excessive *Activated* and *Idle* status updates in the event history, Alarm.com waits until the motion sensor or Image Sensor has been idle for 30 minutes before displaying the *Idle* status in the event history. The time that the sensor went *Idle* is backdated to 3 minutes after the last time it was activated.

Note: Automation rules based on motion activity do not rely on Sensor Activity Monitoring (SAM), and instead activate locally regardless of the state listed.

Activated motion delay

Every subsequent activation of the motion sensor or image sensor while the status is showing *Activated* extends the amount of time that status is displayed for another 30 minutes before reverting to *Idle*. A motion sensor reporting as *Activated* does not prevent the panel from arming successfully. It only means that the sensor was activated within the last 30 minutes.

Note: Accounts created prior to July 13, 2020, will have a motion delay of 60 minutes instead of 30 minutes. It is not possible to reduce the motion delay for accounts created before July 13, 2020.

Qolsys PowerG sensors

For Qolsys panels, certain outdoor motions are supported as contacts for SAM.

The following devices are supported for use listed as both motions and contacts.

Part number	Description	Sticker ID
PGx994	Outdoor PIR Motion Mirror Detector	130
PGx902	Wireless Outdoor Curtain PIR detector	129

The following devices can only be listed as contacts despite being beam detectors.

Part number	Description	Sticker ID
PG9200AX	Short Range IR Receiver (Optex)	111
PG9200AX	Short Range IR Transmitter (Optex)	112
PG9350SL	Long Range IR Receiver (Optex)	113
PG9350SL	Long Range IR Transmitter (Optex)	114