Technical Service Note   **November 24, 2008**

Affects:

ISC-PPR1-WA16G/H and ISC-PDL1-WA18G/H Motion Detectors

1.0   Issue

Some customers who do not have the Walk Test input wired *and* have the Walk Test LED disabled are not satisfied with the process for clearing Anti-Mask Trouble conditions on Version 3.x of the ISC-PPR1-WA16G/H and ISC-PDL1-WA18G/H Motion Detectors. To clear Anti-Mask Trouble conditions with Version 3.x detectors in this configuration, customers must either:

- Cycle power to the motion detectors from the control panel, or

- Cycle power at the detector by removing and reattaching the front cover.

Customers said they would prefer to clear the Anti-Mask Trouble condition by simply walk-testing the detector.

2.0   Resolution

Version 4.0 and later detectors provide two options for anti-mask functioning, as described below.

Version 4.0 and later detectors are identified with a label on the inside of the detector (*Figure 1* on page 2), and the label on the detector's box. To determine if a detector includes these options without examining the label, count the LED flashes at power up. If the LED sequence starts with four or more fast flashes (followed by a pause and then up to 30 slower flashes), the detector includes both options described below.

2.1   Automatic Anti-Mask Reset

If the Walk Test Input is not wired, you can clear an Anti-Mask Trouble condition by simply walking in front of the detector after a 10-sec period with no activity. You can also clear the trouble condition using the methods described in *Section 1.0* above.

Anti-Mask Clear Update Technical Service Note

2.2   Latched Anti-Mask

If the Walk Test Input is wired to the control panel and Walk Test Mode is disabled, the detector latches if there is an Anti-Mask Trouble condition. To clear the Anti-Mask Trouble condition:

1. From the control panel, put the detector in Walk Test Mode.

2. Remove the object that is masking the detector.

3. Perform the Walk Test after a 10-sec period with no activity. The anti-mask condition clears.

4. To ensure that the anti-mask automatically clears on alarm, leave the detector in Walk Test Mode.
   To ensure that the next Anti-Mask event latch, disable Walk Test Mode from the control panel.

Figure 1: Detector Firmware Version On Label