

Date: April 24th, 2007

Number: TAB 07-003

To: Distribution, Global

Ultraviolet (UV) Affect on Plastics

Ultraviolet (UV) light will affect all plastic parts over time. In the case of keypads or detector cases, this can cause discoloration or yellowing based on the amount of UV light it is subjected to.

The plastics used in the manufacturing of PIR lenses are specifically selected to resist change based on UV exposure however, direct or indirect UV light can affect the transparency of the lens and affect its ability to pass infrared (IR) energy. In some extreme circumstances, this could cause the lens to become brittle.

For this reason, we recommend that detectors not be mounted in a location where they will be subject to direct or reflected sunlight. In addition, regular testing as outlined in the installation instructions of all PIR products should be conducted to ensure the detectors provide sufficient coverage.

Please contact the DSC Customer Help Center at 905-760-3000, or send an email to info@dsc.com or tech@dsc.com if you have any questions.

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