



*"A Passion for Excellence"*

### **Use Dual Technology Motion Sensors**

**Not only for pets ...** These sensors automatically adjust its thresholds to account for room disturbances such as **ceiling fans** and other repetitive moving objects which are not an intrusion event. The result - excellent false alarm immunity even in "active" rooms.

The DT-7235/DT-7235T has a patented black bug guard which reduces false alarms by providing 6,500 lux of white light immunity. This helps reduce false alarm problems caused by lights, flashlights or reflective objects.

This new microwave technology delivers sharp detection and superior false alarm immunity through pattern shaping and pattern containment. Pattern shaping fills the protected area with a broad, balloon-shaped pattern which matches the PIR pattern. Because the band is a higher frequency, the amount of microwave energy that penetrates walls is reduced, containing the pattern within the coverage area.

The detector operates effectively in harsh environments (-10° to 55° C) Temperature compensation adjusts processing for improved detection and false alarm immunity.

**Reliable Detection With 100 lb. Animal Immunity** - By combining Uniform Sensitivity Optics with the advantages offered by K-band technology, the DUAL TEC DT-7235/7235T sensor gives installers the best of both worlds, quality detection and the ability to ignore pets or other animals up to 100 lbs.

**Superb Detection Through K-band Technology** - K-band microwave technology delivers sharp detection without holes or weak spots. The custom-made source offers Pattern Shaping to fill the protected area with a broad, balloon-shaped pattern which matches the PIR pattern. It also offers Pattern Containment to reduce the penetration of microwave energy through walls.

**Patented False Alarm Prevention Features** - The DT-7235 offers more than the standard features that protect against false alarm due to RF signals, electrostatic discharge, and electrical overstress. The patented black bug guard improves white light immunity and the patented adaptive microwave threshold circuit automatically adjusts for room disturbances.

**Sturdy, Attractive Housing** - The sleek, sturdy housing fits into a variety of building styles and blends with any room decor. ABS plastic is used for shock and impact protection. The housing offers a convenient wiring channel, knockouts for mounting and wiring, and easy access to wiring terminals.

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