



IS3000/DT8000 Series

Hardwired Indoor Motion Detectors

The Big Picture: Superior sensors that save you time and money.

A dealer's best choice for faster, easier installations, superior performance and versatility.

The Proof is in the Performance

A brilliant feat of engineering and design, the Honeywell Home world-class **DUAL TEC®** and **IS3000 hardwired motion sensors** deliver superior performance, installation ease and versatility. Featuring outstanding mirror optics, anti-masking technology and high temperature detection, they extend the boundaries of sensor design—rigorously tested in state-of-the-art facilities built to exceed the toughest UL and SIA standards. And yours.



Superior Anti-Masking

True, sustained compliant anti-masking technology provides superior protection against would-be intruders attempting to block the field of view with sprays and liquids. It's an excellent solution for banks, jewelry stores, museums and other high-risk commercial environments.



Superior High Temperature Detection

Our sensors deliver **25% better detection range** than leading competitors in high-temperature environments—operating trouble-free in warehouses and factories exceeding temperatures of 95°F (35°C). They automatically adjust PIR thresholds and other parameters to adapt to change in ambient temperature relative to human body temperature.

Choose Innovation

The DUAL TEC Series Sensors have set the standard in their class, with the combined strength of microwave and PIR technologies providing superior detection and reduced false alarms. And although we pioneered the technology and trademarked the name, today nearly all major security manufacturers have introduced versions to compete directly with the original—making ours the most copied motion detectors in the world.

Superior Versatility

There's a sensor to meet the requirements of the most basic to the most complex, high-risk commercial application—driving more sales and giving you a competitive edge.

Superior Mirror Optics

Our custom-designed, mirror-based optics provide for superior accuracy at lower energy thresholds—delivering better detection and fewer false alarms.



Time is money. We'll save you both.

Snap & Set installation technology...
designed with you in mind.

3X
Faster
Warm-Up!

**These features make installation faster and easier –
letting you move on to the next job in a snap!**



Snap-Open Case: The two-piece ergonomic enclosure requires no special tools to open and close and takes only seconds to mount—just slide it together and lock it in place!



Snap-in Place Screw Retention: Patented, low-profile inserts nested in the rear cover secure screws in place, making them available where and when they're needed.



Snap and Mount Screws: Patented, time-saving feature speeds up installs by holding screws in place while mounting.



Snap and Select EOL Resistors: Auto-calibrates sensor settings, preventing incorrect wiring and reducing installation times.



Snap Walk Test: Triggers walk test mode with the flick of a flashlight, reducing the number of trips to the sensor during installation.

Product Features



BRAND	RESIDEO	RESIDEO	RESIDEO	HONEYWELL HOME
PART NUMBER:	IS3050V	DT8035V	DT8050V	DT8050A
Technology	PIR	DUAL TEC® (PIR plus microwave)	DUAL TEC (PIR plus microwave)	DUAL TEC (PIR plus microwave)
CPU	Yes	Yes	Yes	Yes
Coverage Range	53' x 72' (16.15m x 21.95m)	40' x 56' (12.19m x 17.07m)	53' x 72' (16.15m x 21.95m)	53' x 72' (16.15m x 21.95m)
Optics	Fresnel Lens	Fresnel Lens	Fresnel Lens	Mirror Optics
Anti-Masking	No	No	No	Yes
Microwave	N/A	X-Band 10.525 GHz	X-Band 10.525 GHz	X-Band 10.525 GHz
Power	9.0 - 15 VDC	9.0 - 15 VDC	9.0 - 15 VDC	9.0 - 16 VDC
Maximum Current (mA)	13mA	17mA	17mA	18mA
Look Down Zone	Yes, selectable	Yes, selectable	Yes, selectable	Yes, selectable
Pet Immunity	N/A	Yes (0 or 100 lbs)	N/A	N/A
Front and Rear Cover Tamper	Yes	Yes	Yes	Yes
Operating Temperature	14°F to 131°F (-10°C to 55°C)	14°F to 131°F (-10°C to 55°C)	14°F to 131°F (-10°C to 55°C)	14°F to 131°F (-10°C to 55°C)
Temperature Compensation	Advanced Dual Slope	Advanced Dual Slope	Advanced Dual Slope	Advanced Dual Slope
UV Protected Lens	Yes	Yes	Yes	Yes
PIR White Light Immunity	6,500 Lux typical	6,500 Lux typical	6,500 Lux typical	6,500 Lux typical
Terminal	6 pin	6 pin	6 pin	9 pin
Integrated End-of-Line Resistor	N/A	N/A	N/A	1k, 2k, 2.2k, 5.6k Ohm
Walk Test Enabled with Flashlight	Yes	Yes	Yes	Yes
Agency Listing	UL, ULC, SIA	UL, ULC, SIA	UL, ULC, SIA	UL, ULC, SIA
Screws and Wall Mounts	Included	Included	Included	Included
Screw Retention and Mounting Features	Included	Included	Included	Included



Fully integrates with Resideo Total Connect Remote Services on VISTA® control panels.

For more information
resideo.com/pro

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For more information
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