

IS3000/DT8000 Series

Commercial Hardwired Indoor Motion Detectors



A DEALER'S BEST CHOICE FOR FASTER, EASIER INSTALLATIONS,
SUPERIOR PERFORMANCE AND VERSATILITY

**The Big Picture: Superior Sensors
That Save You Time and Money**

Honeywell

The Proof is in the Performance

A brilliant feat of engineering and design, Honeywell's 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.

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.



Choose
Innovation

Honeywell's 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.

3X
Faster
Warm-Up!

Time is money. We'll save you both.

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

A Honeywell exclusive, 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.

The Power of
Honeywell

Dealers rely on the level of expertise and innovation synonymous with the Honeywell brand. We lead the industry in research and development, build tens of millions of sensors a year and have the commitment, technology and resources to help your business grow.

Product Features



Part Number:	IS3050	DT8035	DT8050	IS3050A	DT8050M	DT8050A
Technology	PIR	DUAL TEC® (PIR plus microwave)	DUAL TEC (PIR plus microwave)	PIR	DUAL TEC (PIR plus microwave)	DUAL TEC (PIR plus microwave)
CPU	Yes	Yes	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)	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	Mirror Optics	Mirror Optics
Anti-Masking	No	No	No	Yes	No	Yes
Microwave	N/A	X-Band 10.525 GHz	X-Band 10.525 GHz	N/A	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	9.0 – 16 VDC	9.0 – 16 VDC
Maximum Current (mA)	13mA	17mA	17mA	16mA	18mA	18mA
Look Down Zone	Yes, selectable	Yes, selectable	Yes, selectable	Yes, selectable	Yes, selectable	Yes, selectable
Pet Immunity	N/A	Yes (0 or 100 lbs)	N/A	N/A	N/A	N/A
Front and Rear Cover Tamper	Yes	Yes	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)	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	Advanced Dual Slope	Advanced Dual Slope
UV Protected Lens	Yes	Yes	Yes	Yes	Yes	Yes
PIR White Light Immunity	6,500 Lux typical	6,500 Lux typical	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	9 pin	9 pin
Integrated End-of-Line Resistor	N/A	N/A	N/A	1k, 2k, 2.2k, 5.6k Ohm	1k, 2k, 2.2k, 5.6k Ohm	1k, 2k, 2.2k, 5.6k Ohm
Walk Test Enabled with Flashlight	Yes	Yes	Yes	Yes	Yes	Yes
Agency Listing	UL, ULC, SIA	UL, ULC, SIA	UL, ULC, SIA	UL, ULC, SIA	UL, ULC, SIA	UL, ULC, SIA
Screws and Wall Mounts	Included	Included	Included	Included	Included	Included
Screw Retention and Mounting Features	Included	Included	Included	Included	Included	Included

For more information:

www.honeywell.com/security



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

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