IS3000/DT8000 Series
Commercial Hardwired Indoor Motion Detectors

THE BEST CHOICE FOR FASTER , EASIER INSTALLATIONS, SUPERIOR PERFORMANCE AND VERSATILITY

The Big Picture: Superior Sensors That Save You Time and Moneyoney

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 European
standards. And yours.

Superior **Versatility**

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

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 **Mirror Optics**

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

Superior **High Temperature Detection**

Our sensors deliver 25% better detection range in high-temperature
environments—operating trouble-free in warehouses and factories
heated to 35°C when lab tested. They automatically adjust
PIR thresholds and other parameters to adapt to change in ambient
temperature relative to human body temperature.

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.

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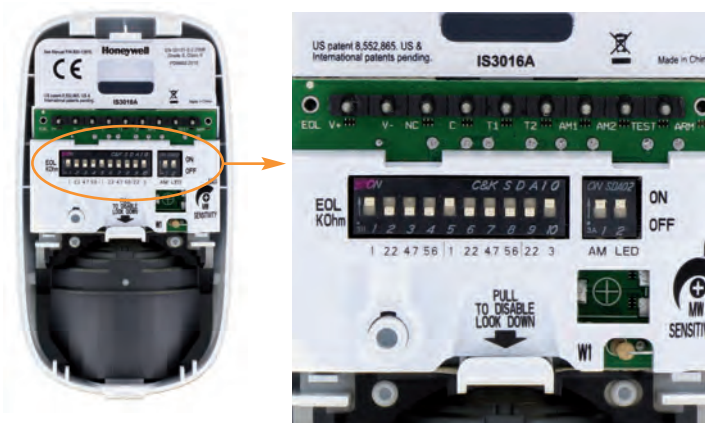
Snap-Open Case: The two-piece ergonomic enclosure requires no special tools to open and close and takes only seconds to mount—just slide it together and lock it in place!

Easy connection: The plug-in connector can even be removed from the socket to facilitate the cabling.

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

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

Snap-Set 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:	IS3016	DT8016F5	IS3016A	DT8016MF5	DT8016AF5
Technology	PIR	DUAL TEC (PIR plus microwave)	PIR	DUAL TEC (PIR plus microwave)	DUAL TEC (PIR plus microwave)
CPU	Yes	Yes	Yes	Yes	Yes
Coverage Range	16 x 22 m	16 x 22 m	16 x 22 m	16 x 22 m	16 x 22 m
Optics	fresnel lens	fresnel lens	mirror lens	mirror lens	mirror lens
Anti-Masking	No	No	Yes	No	Yes
MW	N/A	X-Band 10.587 GHz	N/A	X-Band 10.587 GHz	X-Band 10.587 GHz
Power	9 – 15 VDC	9 – 15 VDC	9 – 15 VDC	9 – 15 VDC	9 – 15 VDC
Look Down Zone	Yes, selectable	Yes, selectable	Yes, selectable	Yes, selectable	Yes, selectable
Front and Rear Cover Tamper	Yes	Yes	Yes	Yes	Yes
Operating Temperature	-10°C to 55°C	-10°C to 55°C	-10°C to 55°C	-10°C to 55°C	-10°C to 55°C
Temperature Compensation	Advanced Dual Slope	Advanced Dual Slope	Advanced Dual Slope	Advanced Dual Slope	Advanced Dual Slope
UV Protected Lens	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
Terminal	6 pin	6 pin	9 pin	9 pin	9 pin
EOL Resistor (alarm & tamper)	N/A	N/A	1k, 2.2k, 4.7k, 5.6k Ohm	1k, 2.2k, 4.7k, 5.6k Ohm	1k, 2.2k, 4.7k, 5.6k Ohm
EOL Resistors (Anti-masking)	N/A	N/A	2.2k, 3k Ohm	2.2k, 3k Ohm	2.2k, 3k Ohm
Walk Test Enabled with Flashlight	Yes	Yes	Yes	Yes	Yes
Agency Listing	EN50131-2-2 Grade 2 Class II, NF&A2P 2 shields, PD6662:2010	EN50131-2-4 Grade 2 Class II, NF&A2P 2 shields, PD6662:2010	EN50131-2-2 Grade 3 Class II, NF&A2P 3 shields, PD6662:2010	EN50131-2-4 Grade 2 Class II, NF&A2P 2 shields, PD6662:2010	EN50131-2-4 Grade 3 Class II, NF&A2P 3 shields, PD6662:2010

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