

IS3016A

PIR Motion Sensor with Anti-Mask



Designed for mid to high-end commercial environments where Grade 3 systems may be required, the new Honeywell anti-mask IS3016A motion sensor delivers reliable protection and improved false alarm immunity through patented solutions.

The IS3016A sensor integrates a total of four patented solutions improving reliability and is quick and easy to install.

In addition to this, the installer benefits from the design of the sensor which allows easy access to the connectors with quick plug-in feature.

Furthermore the IS3016A motion sensor offers integrated EOL resistors and an enhanced walk test saving time on installation.

Features:

- **Plug-in electronics**
Designed for easy installation with an automatic plug-in connector
- **Integrated End-of-Line (EOL) resistors**
EOL resistors for alarm as well as tamper loop and anti-mask are already incorporated, saving installation time and reducing service calls
- **Flash light Walk Test**
Reduces installation time as the walk test can be enabled by simply pointing a flash light at the sensor
- **Mirror optics**
With mirror optics, this motion sensor uses the most reliable technology offering the best detection/false alarm ratio
- **Highest security approval**
High quality performance sensor which meets the requirements of high risk environments (EN Grade 3, NF&A2P or similar)
- **Infrared anti-mask technology**
Quickly detects intentional and accidental masks or blocks. The sensor sends a trouble signal whenever it encounters mask conditions. This significantly reduces the chance of any sensor security breaches
- **Extensive detection coverage**
Extremely dense, wide and long detection range compared to similar products on the market providing superior coverage
- **Professional design**
The IS3016A is designed for high level security installations with a unique professional look distinguishing it from low value sensors
- **Patented PIR signal analysis solution**
The sensor looks for a wide time frame and integrates the signal received prior to any alarm triggering decision
- **Patented look down solution**
The installer can change the settings with ease by simply switching the look down enabler on and off, offering a more efficient and reliable solution
- **Patented vibration solution**
Built-in shock feature. In the event of vibration, this component overrides the PIR signal
- **Patented mounting solution**
To fix the sensor to the wall, the installer simply inserts the screw in the pre-defined location where it will be automatically held in place making installation quicker and easier

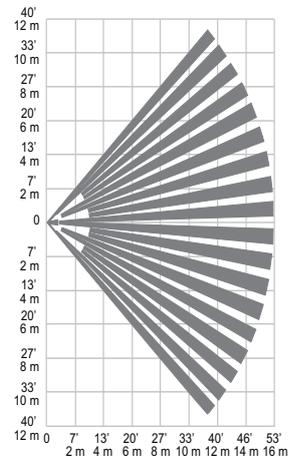
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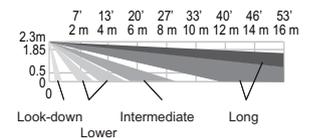
| Specifications: | IS3016A |
|--------------------------|--|
| Type of detection | PIR (mirror) |
| Range | 16 x 22 m |
| EOL resistors | Alarm & tamper : 1K, 2.2K, 4.7K & 5.6K ; default = 1K Anti-Mask: 2.2K, 3K; default = 3K |
| Detection zones | 36 long range, 10 intermediate, 12 lower, 2 look down |
| Walk test | 20 s |
| RFI Immunity | 15 V/m, 80 MHz – 2.7 GHz |
| Mounting height | 2.3m optimal |
| Power requirements | 9 – 15V dc |
| Consumption | 7 mA typical, 11mA max. (@ambient temp.) |
| Alarm relay | Form A / 30 mA@25 Vdc, max. 22 Ohm / Duration: 3 s |
| Anti-Mask relay | Form B / 30 mA@25 Vdc, max. 22 Ohm |
| Tamper | Form A / 30 mA@25 Vdc - Cover & Wall |
| Operating temperature | -10°C to +55°C |
| Temp. compensation | Advanced dual slope |
| Relative humidity | 5% - 95% non condensing |
| PIR White Light Immunity | 10,000 Lux typical |
| Dimensions | 116 x 70 x 43 mm (HxWxD) |
| Weight | 118 g |
| Approval Listings | EN50131-2-2 Grade 3 Class II, NF&A2P 3 shields, INCERT, IMQ, SBSC, FG, F&P, NCP, GOST-R, PD6662:2010 |

Detection Patterns:

• Top View



• Side View



• Inside View



Ordering:

IS3016A Passive Infrared Motion Sensor with Anti-Mask

Accessories:

SMB10 White swivel mount bracket (5 pack)
SMB10C White ceiling mount bracket (5 pack)
SMB10T Tampered white swivel mount bracket (5 pack)

Honeywell reserves the right to alter the specification of products without prior notice.

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