# 6615AM

**Détecteur DUAL IRP/MW Comfortline 15m avec anti‑masquage.**

## Tailored to each security need

A complete sensor line offering the comfort to choose the right solution tailored to the risk level and environment. The 6515 model provides standard Passive Infrared (PIR) detection while the 6515PI variant introduces pet immunity, reducing false alarms caused by small animals and making it ideal for residential settings. The 6615 model combines PIR with microwave technology, offering dual detection for enhanced accuracy and reliability in challenging environments. For high-security areas, the 6515AM and 6615AM models incorporate antimasking features, which prevent tampering or obstruction of the sensor, ensuring continuous protection.

## Mounting and design

The design of the Comfortline volumetric sensors emphasize aesthetics as well as functionality, offering white and black glossy finish variants that blend seamlessly with modern interiors. An optional bracket is available supporting wall and ceiling mount installation. The ceiling mount sensor variants provide full 360 degrees detection, ideal for open areas like lobbies, warehouses, or venues.

## Performance

The Comfortline sealed optics protect against dust, bugs and other contaminants, ensuring long-term reliability in various environments. Digital signal processing filters noise and reduces false alarms, enhancing detection accuracy. The sensors spherical optics provide consistent detection coverage, minimizing blind spots across heights between 1,8 to 3,0 meters, depending the variant.

## Configuration

The Comfortline includes selectable built-in EOL resistors that simplify wiring and ensure compatibility with most alarm panels. The sensor status LED indicators can be turned on or off locally or remotely, as well as its microwave and anti-mask detection controls, allowing flexibility based on security needs.

## Compliance and certification

The Comfortline meets the industries EN and INCERT Grade 2 and 3 standards. Being certified, the product demonstrates its commitment to quality, safety, and regulatory compliance, providing peace of mind to installers and end-users.



## Détails

- Détecteur 15 m à double technologie PIR/MW avec anti‑masquage IR actif
- Traitement numérique du signal
- Lentille Fresnel de haute qualité
- Comptage d’impulsions
- Commandes de la LED d’état, du micro‑ondes et de l’anti‑masquage
- Résistances EOL intégrées et sélectionnables
- Câblage en EOL double ou triple
- Versions à finition brillante blanche et noire
- EN & INCERT Grade 3
- Support optionnel pour montage mural et plafond

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## Détecteur DUAL IRP/MW Comfortline 15m avec anti‑masquage.

## Spécifications techniques

### General

| | |
|---|---|
| Technology | Dual |
| Anti masking | Yes |
| Pet immune | No |
| Detector start-up time | 60 s |
| Microwave Frequency | K-Band, 24.15-24.25 GHz |

### Detection

| | |
|---|---|
| Detection range | PIR range  maximum 15m<br>Microwave range adjustable 3.5 to 15 m |
| Target speed range | 0.3 to 3.0 m/s |
| Digital pulse count | 1 or 2 pulses to raise an alarm |

### Electrical

| | |
|---|---|
| Power supply value | 9 to 15 VDC, 12 VDC nominal |
| Current consumption | Quiescent : 32 mA<br>Maximum : 45 mA |

### Physical

| | |
|---|---|
| Physical dimensions | 60 x 118 x 40 mm |
| Net weight | 105 g |
| Colour | Weiß |
| Mounting height | 1,8 a 3 m |
| Housing material | 2.5 mm ASA |

### Environmental

| | |
|---|---|
| Operating temperature | -20 to +55°C |
| Storage temperature | -35 to +60°C |
| Relative humidity | 95% noncondensing |
| IP rating | IP30 |

### Regulatory

| | |
|---|---|
| EN50131 grade | Grad 3 |
| Certification | EN50131, INCERT, SBSC |

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