6615

Comfortline 15m Dual PIR/MW sensor

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.



Details

- 15m Dual technology PIR/MW sensor
- Digital signal processing
- High quality fresnel lens
- Pulse count
- Status LED and microwave controls
- Selectable built-in EOL resistors
- White and black glossy finish variants
- EN & INCERT Grade 3
- Optional wall & ceiling mount bracket

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Technical specifications

General

Technology	Dual
Anti masking	No
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 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 : 17 mA Maximum : 22 mA

Physical

Physical dimensions	60 x 118 x 40 mm
Net weight	105 g
Colour	White
Mounting height	1.8 to 2.6 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	Grade 2
Certification	EN50131, INCERT, SBSC

As a company of innovation, Kidde Global Solutions reserves the right to change product specifications without notice. For the latest product specifications, visit firesecurityproducts.com online or contact your sales representative.

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