6630

Comfortline 10m Dual PIR/MW ceiling mount 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 6536 ceilling mount model provides standard Passive Infrared (PIR) detection. The 6630 ceiling mount model combines PIR with microwave technology, offering dual detection for enhanced accuracy and reliability in challenging environments. For high-security areas, the 6630AM ceiling mount model incorporates anti-masking features, which prevent tampering or obstruction of the sensor, ensuring continuous protection.

Mounting and design

The design of the Comfortline ceiling mount sensors emphasize aesthetics as well as functionality. Its white glossy finish makes it blend seamlessly with modern interiors. 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 2.4 to 4,0 meters.

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

- 10m Dual PIR/MW ceiling mount sensor
- Digital signal processing
- High quality fresnel lens
- Pulse count
- Status LED and microwave controls
- Selectable built-in EOL resistors
- EN & INCERT Grade 2

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Technical specifications

General

Technology	Dual
Application type	Ceiling mount
Anti masking	No
Pet immune	No
Detector start-up time	60 s
Microwave frequency	K-Band, 24.15-24.25 GHz

Detection

Detection range	10 m 360 degrees
Target speed range	0.3 to 3.0 m/s
Digital pulse count	1 or 2 pulses to raise an alarm

Inputs/outputs

Alarm relay characteristic	Normally closed, 100 mA at 30 VDC

Electrical

Current consumption	Quiescent : 28 mA Maximum : 48 mA

Physical

Physical dimensions	108 x 108 x 31 mm
Net weight	90 g
Colour	White
Mounting height	2.4 to 4.0 m
Housing material	3 mm ASA

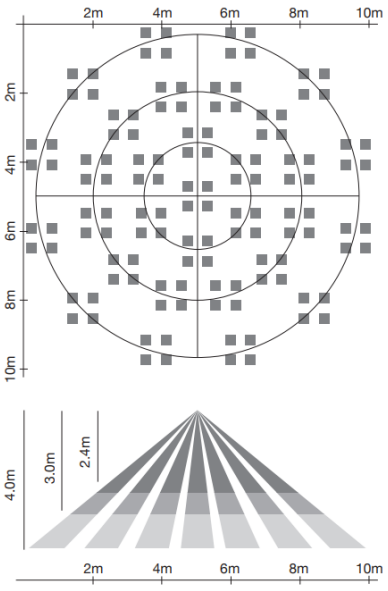
Environmental

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

Coverage Pattern



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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.

Last updated on 17 July 2026 - 13:50