

# Ceiling-Mount Detectors

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## The full security range.

Whether it is a project costing millions or a single-family home, everyone wants to provide the best security possible for their property. Bosch will help by providing the right products and systems for your individual security – no matter how complex your needs.

Our product range encompasses fire, intrusion, holdup, CCTV, wireless helpcall system and access control. With Bosch, you can easily find the security products and services you've been looking for!



Application and product information



## Coverage You Can Count On

Bosch Security Systems offers a vast range of Bosch Security Systems ceiling-mount detectors. Whether it's sophisticated processing techniques that provide excellent catch performance with freedom from false alarms, the wide variety of coverage patterns, or the highest mounting height available, our ceiling-mount detectors provide security you can rely on.

Placing a detector on the ceiling as opposed to a wall greatly reduces the likelihood that it will be tampered with or vandalised. It also raises the detector out of the line of site. Models with low profile designs provide a recessed-mount look even when surface mounted.

Whether the ceiling is 8 feet or 25 feet, our superior ceiling-mount detectors accommodate a wide variety of applications that have, until now, been out of reach. We offer detectors that provide 360° intrusion detection and can be easily mounted at any height up to an unparalleled 25 feet — the highest mounting height available on the market. By simply adjusting the detection pattern, installers can achieve customised coverage, providing up to a 70-foot diameter coverage area.

Two of our more advanced detectors can be focused to provide pinpoint security for specific areas such as jewellery counters or register banks. For even more coverage options, they can also be adjusted to cover a main floor area as well as an elevated area such as a staircase landing. Three independently adjustable PIR

detectors within these models allow for this high level of customisable coverage, making them the most versatile ceiling-mount detectors ever.

Most of our PIR designs use patented Motion Analyser II Signal Processing (MAP II). MAP II ignores signals created by extreme levels of thermal and illumination disturbances caused by heaters, air conditioners, hot and cold drafts, sunlight, and lightning.

The revolutionary TriTech technology, designed to be used in extreme environments, won't be fooled. As a body moves within the coverage area, changes in the received microwave energy are detected, allowing the detector to distinguish between people and false alarm signals.

Artificial intelligence combines MAP II with adaptive microwave processing and microwave pattern recognition technology to analyse the PIR and microwave sections. Their performance is so trouble-free you won't even know they're there.

The Bosch Security Systems ceiling-mount detectors provide the coverage, ease of installation and trouble-free performance you deserve.

With ceiling-mount detectors that can be mounted at any height up to 25 feet, along with precise pattern control for securing specific areas, ease of installation, false alarm reduction and improved catch performance,

these detectors are unequalled. Our detectors offer solutions for a variety of applications, including:

- Retail stores
- Schools
- Offices
- Manufacturing facilities
- Warehouses
- Banks
- Homes

Our newest ceiling-mount detectors feature an innovative hinged base/cover design. Simply attach the detector base to any standard electrical box and the open detector stays in place for easy wiring. This convenient feature — like an

extra pair of hands — is perfect for one person installing the detector from atop a ladder, making it easier to connect wires.

These new detectors also include a high efficiency LED and light pipe system which makes installing the detector quick and easy.

Save time and money by discovering the benefits of the Bosch Security Systems ceiling mount detectors! Contact your local security dealer to learn more and find the detector that's right for you.

### Low Profile Ceiling-Mount PIR Detectors DS937



- Low profile design
- Easy installation
- First to alarm and alarm Memory control
- 9 to 30 VDC or 7.5 to 24 VAC
- Provides recessed mount look even when surface mounted
- Access to wiring and programming without removal of the detector
- Maximum 10 ft. (3 m) mounting height
- 360° x 45 ft. coverage

### DS936



- 360° Coverage pattern
- Alternate polarity pulse count
- Internal pointable fresnel lens
- Surface or flush-mount
- Sealed detector chamber
- UL Listed
- Coverage = 2x mounting height
- Maximum 12 ft. (4 m) mounting height
- 360° x 24 ft. coverage

### Ceiling-Mount PIR Detector DS938Z



- 360° coverage pattern
- Motion Analyser II Processing
- High quality mirrored optics (2 mirrors provided)
- Centre look down zone
- Motion monitor
- Supervised PIR with self-test
- UL Listed, CE
- Maximum 18 ft. (6 m) mounting height
- 360° x 60 ft. coverage

### DS939



- Motion Analyser II processing
- Fully adjustable optics for coverage integrity and customisation
- Separate chassis and base for easy installation
- High efficiency LED and light pipe system for easy walk testing
- Pattern Recognition Technology
- Maximum 25 ft. Mounting Height
- 360° x 70 ft. Coverage

### Ceiling-Mount TriTech PIR/Microwave Detector DS9360



- Motion Analyser II Processing
- High quality mirrored optics (2 mirrors provided)
- Centre look down zone
- PIR and Microwave supervision features
- UL Listed, CE
- Maximum 18 ft. (6 m) mounting height
- 360° x 60 ft. coverage

### DS9370



- Maximum 25 ft. mounting height
- Motion Analyser II Processing
- Fully adjustable optics for coverage integrity and customisation
- Separate chassis and base for easy installation
- High efficiency LED and light pipe system for easy walk testing
- Pattern Recognition technology
- Microwave adaptive processing
- 360° x 70 ft. coverage

### Low Profile Wall/Ceiling-Mount PIR Detectors DS918X



- Low profile design
- Easy installation
- Pointable mirrored optics
- Wall or ceiling-mount
- 10 to 30 VDC operating voltage range
- Provides recessed mount look even when surface mounted
- Access to wiring and programming without removal of the detector
- 40 ft. x 45 ft. coverage

### DS928X



- Low profile design
- Easy installation
- Pointable mirrored optics
- Wall or ceiling-mount
- 10 to 30 VDC operating voltage range
- Provides recessed mount look even when surface mounted
- Access to wiring and programming without removal of the detector
- 65 ft. x 7 ft. coverage

### Wall/Ceiling-Mount PIR Detectors DS918i



- Pulse count operation
- 3 mounting options
- Internal pointability
- UL Listed
- Maximum 10 ft. (3 m) mounting height
- 45 ft. x 60 ft. coverage

### DS928i



- Pulse count operation
- 3 mounting options
- Internal pointability
- UL Listed
- Maximum 10 ft. (3 m) mounting height
- 100 ft. x 8 ft. coverage