## **Motion Detectors** for all applications



Tamper contact

Range setting

Screw for

look down zone

AS-OT-en-03\_F01U520650\_05

Bosch offers an extensive range of high-quality motion detectors equipped with cutting edge technology. Bosch has a reputation for high security, excellent catch performance, superior false alarm immunity, and easy installation. In order to achieve this, we have incorporated a number of unique technologies:



- Sensor Data Fusion sets the industry standard for catch performance and false alarm immunity: Data from up to six sensing systems is simultaneously analyzed by a proprietary digital signal processing algorithm embedded in a high-performance microcontroller. Alarm decisions are based upon a complex algorithm, which adjusts alarm thresholds based upon input from each sensor. This technology improves catch performance by 35 percent and takes false alarm immunity and responsiveness to a whole new level.
- Multipoint Anti-mask with Integrated Spray Detection certified by an accredited lab to EN50131 Grade 3: Conforms with regulatory requirements for protection against sabotage attempts as well as accidental masking of the detector. Integrates four active IR emitters and three dedicated IR sensing elements. Three detection techniques provide performance superior to all other available detectors. Performance that has been validated through an laboratory accredited for EN50131 certification.
- Advanced design features for ease of installation: The unique design of Bosch detectors provides many benefits for installers that decrease installation time by up to 25 per cent and reduce the risk of installation errors. There is no adjustment needed in the specified mounting height. The unique two-piece ergonomic housing simply slides into place and automatically locks, requiring only seconds to mount. The sealed optical chamber prevents insects and debris from entering and also protects electronics from accidental damage from screwdrivers, wires, etc. during installation.

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A built-in bubble level allows accurate horizontal and vertical alignment without extra tools<sup>\*</sup>. The custom-designed plug-in terminal block with angled wire entries eliminates incorrect insertions, thus providing convenience and

increased connection reliability\*.

Terminal block

Mechanical design

for wall tampering

Bubble level

Electronics are protected by a plastic cover and are located within the front cover to eliminate accidental damage during installation of the mounting base.

\* Professional Series detector range

## Wall mount detectors, Blue Line Series and Professional Series

	ISC- BPR2-W12	ISC- BPR2-WP12	ISC-BPQ2-W12	ISC- BDL2-WP6	ISC- BDL2-W12	ISC- BDL2-WP12	ISC- PPR1-W16	ISC- PDL1-W18	ISC- PPR1-WA16	ISC- PDL1-WA18	ISC- PDL1-WC30	ISC- PDL1-WAC30
Type of Motion Detector	PIR	PIR	Quad PIR	TriTech (PIR plus MW)	TriTech (PIR plus MW)	TriTech (PIR plus MW)	PIR	TriTech (PIR plus MW)	PIR	TriTech (PIR plus MW)	TriTech (PIR plus MW)	TriTech (PIR plus MW)
EN50131-2-2/4	grade 2	grade 2	grade 2	grade 2	grade 2	grade 2	grade 2	grade 2	grade 3	grade 3	grade 2	grade 3
Pet immunity	No	20kg	No	45kg	No	45kg	4.5kg	4.5kg	4.5kg	4.5kg	No	No
Coverage/Range	12m x 12m	12m x 12m	12m x 12m	6m x 6m	12m x 12m	12m x 12m	16m x 21m	18m x 25m	16m x 21m	18m x 25m	30m x 3m	30m x 3m
False alarm immunity	+++	++++	+++++	+++++	+++++	+++++	++++	+++++	+++	++++	+++++	++++
Catch performance	++++	+++	++++	++++	++++	++++	+++++	+++++	+++++	+++++	+++++	+++++
Mounting height	2.2 to 2.75m	2.2 to 2.75m	2.2 to 2.75m	2.2 to 2.75m	2.2 to 2.75m	2.2 to 2.75m	2.1 to 3m	2.1 to 3m	2.1 to 3m	2.1 to 3m	2.1 to 3m	2.1 to 3m
Look down zone	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Application	<ul> <li>Standard environments</li> <li>Medium risks</li> </ul>	<ul> <li>Standard environments</li> <li>Pet friendly</li> <li>Medium risks</li> </ul>	<ul> <li>Difficult* environments</li> <li>Pet friendly</li> <li>Medium risks</li> </ul>	<ul> <li>Standard environments</li> <li>Medium to high risks</li> </ul>	<ul> <li>Difficult* environments</li> <li>Medium to high risks</li> </ul>	<ul> <li>Standard environments</li> <li>High risks</li> </ul>	<ul> <li>Difficult* environments</li> <li>High risks</li> </ul>	<ul> <li>Curtain version</li> <li>Difficult environments</li> <li>Narrow and long areas</li> </ul>	<ul> <li>Curtain version</li> <li>Difficult environments</li> <li>Narrow and long areas</li> </ul>			

**Ceiling mount detectors and Accessories** 

	DS936	DS938Z	DS9360	DS939	DS9370	Mounting brackets	
Type of Motion Detector		PIR	TriTech (PIR plus MW)	PIR	TriTech (PIR plus MW)	<ul> <li>B328 Gimbal-mount Bracket</li> <li>Swiveling B335-3 low-profile</li> </ul>	
EN50131-2-2/4	-	grade 2	grade 2	grade 2	grade 2	■ mount ■ B800 Ceiling mount Bracket	
Pet immunity	No	No	No	No	No		
Coverage / Range	7.5m and 360°	18m and 360°	18m and 360°	21m and 360°	21m and 360°		
False alarm immunity	+++	+++	++++	+++++	+++++		
Catch performance	+++	+++	++++	+++++	+++++		
Mounting height	2 to 3.6m	2.5 to 6m	2.5 to 6m	2.4 to 7.6m	2.4 to 7.6m		
Application	For environments where wallmounte	d detectors are not possible			► Bosch offers a range of		
	<ul> <li>Standard environments</li> <li>Small to medium risks</li> </ul>	<ul> <li>Standard environments</li> <li>Small to medium risks</li> </ul>	<ul> <li>Difficult* environments</li> <li>Small to medium risks</li> </ul>	<ul> <li>Standard environments</li> <li>Medium risks</li> </ul>	<ul> <li>Difficult* environments</li> <li>Medium risks</li> </ul>	mounting brackets for wall and ceiling mounting for all wall mount detectors	
	<ul> <li>For special room conditions we can reprint the Large halls where detectors cannot be Large offices with cubicles where was small convenience stores with small.</li> <li>We do not recommend ceiling mount detectors are stores with small.</li> </ul>						
	<ul> <li>* Difficult environments are those which</li> <li>&gt; Detector is in the same room as an air</li> <li>&gt; Strong drafts of cold or warm air in the</li> <li>&gt; A fan that could be running when the same room and the same room and the same room are same room as an air in the same room are same room and the same room are same room as an air in the same room are same room as an air in the same room are same room are same room as an air in the same room are same room are same room are same room as an air in the same room are same</li></ul>	conditioning vent. e room.		<ul> <li>Detector could be exposed to bright w</li> <li>Room contains slow moving objects s</li> <li>Room has underfloor heating.</li> <li>Room temperatures exceed 30 degree</li> </ul>	·	ect sunlight etc.)	