

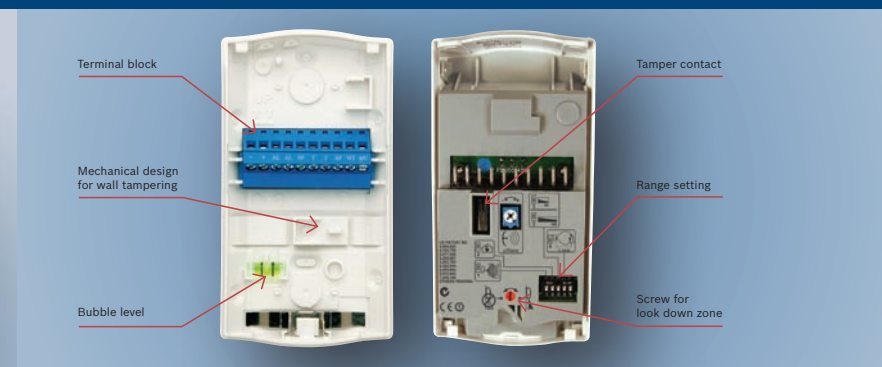
**Bosch offers an extensive range of high-quality motion detectors equipped with cutting edge technology. Bosch has a reputation for high security, excellent catch performance, superior false alarm immunity, and easy installation. In order to achieve this, we have incorporated a number of unique technologies:**



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

# Quick Selection Guide

## Wall mount detectors, Blue Line and Professional Series

									
	ISM-BLP1	ISM-BLP1-P	ISM-BLQ1	ISM-BLD1	ISM-BLD1-P	ISC-PPR1-W16	ISC-PDL1-W18	ISC-PPR1-WA16	ISC-PDL1-WA18
Type of Motion Detector	PIR	PIR	Quad PIR	Tritech (PIR plus MW)	Tritech (PIR plus MW)	PIR	Tritech (PIR plus MW)	PIR	Tritech (PIR plus MW)
EN50131-2-X	2	2	2	2	2	2	2	3	3
Pet immunity	No	14kg	No	No	14kg	4.5kg	4.5kg	4.5kg	4.5kg
Range	11m x 11m	11m x 11m	11m x 11m	11m x 11m	11m x 11m	16m x 21m	18m x 21m	16m x 21m	18m x 21m
False alarm immunity	+++	++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
Catch performance	++++	+++	++++	++++	+++	+++++	+++++	+++++	+++++
Mounting height (No adjustment needed)	2.3 to 2.7m	2.3 to 2.7m	2.3 to 2.7m	2.3 to 2.7m	2.3 to 2.7m	2.1 to 3m	2.1 to 3m	2.1 to 3m	2.1 to 3m
Application	<ul style="list-style-type: none"> <li>For use in standard environments and small to medium risks</li> </ul>	<ul style="list-style-type: none"> <li>For use in standard environments where pets or other small animals are present and for small to medium risks</li> </ul>	<ul style="list-style-type: none"> <li>For use in difficult* environments and small to medium risks</li> </ul>	<ul style="list-style-type: none"> <li>For use in difficult* environments and small to medium risks</li> </ul>	<ul style="list-style-type: none"> <li>For use in difficult* environments where pets or other small animals are present and for small to medium risks</li> </ul>	<ul style="list-style-type: none"> <li>For use in standard environments and medium to high risk applications</li> </ul>	<ul style="list-style-type: none"> <li>For use in difficult* environments and medium to high risk applications</li> </ul>	<ul style="list-style-type: none"> <li>For use in standard environments and high risk applications</li> </ul>	<ul style="list-style-type: none"> <li>For use in difficult* environments and high risk applications</li> </ul>

Difficult environments are those which include potential false alarm sources, such as:

- The detector is in the same room as an air conditioning vent.
- Strong drafts of cold or warm air in the room.
- A fan that could be running when the system is activated.

- The detector could be exposed to bright white light (car headlights, floodlights, direct sunlight etc.)
- The room contain slow moving objects such as curtains, plants.
- Slow moving objects such as signs/displays hang from the ceiling in the room.
- The room has underfloor heating.
- Room temperatures exceed 30 degrees Celsius.