












# Quick Selection Guide

## Wall mount detectors

	Blue Line Gen 2 Series						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
Type	PIR	PIR	Quad PIR	TriTech (PIR+MW)	TriTech (PIR+MW)	TriTech (PIR+MW)	PIR	TriTech (PIR+MW)	PIR	TriTech + (PIR+MW)	TriTech Curtain (PIR+MW)
Anti-Mask	No	No	No	No	No	No	No	No	Yes	Yes	No
Certification	UL	UL	UL	UL	UL	UL	UL	UL	UL	UL	UL
Pet / Small Animal Immunity	No	On / Off Selectable 45 lb (20 kg)	No	On / Off Selectable 100 lb (45 kg)	No	On / Off Selectable 100 lb (45 kg)	Yes 10 lb (4.5 kg)	Yes 10 lb (4.5 kg)	Yes 10 lb (4.5 kg)	Yes 10 lb (4.5 kg)	No
Coverage / Range	40 x 40 ft (12 x 12 m)	40 x 40 ft (12 x 12 m)	40 x 40 ft (12 x 12 m)	20 x 20 ft 6 x 6 m	40 x 40 ft (12 x 12 m)	40 x 40 ft (12 x 12 m)	50 x 70 ft (16 x 21 m)	60 x 80 ft (18 x 25 m)	50 x 70 ft (16 x 21 m)	60 x 80 ft (18 x 25 m)	100 x 10 ft (30 x 3 m)
False Alarm Immunity	●●○○	●●●○	●●○○	●●●●	●●○○	●●●●	●●○○	●●●○	●○○○	●●○○	●●●○
Catch Performance	●●○○	●●○○	●●●○	●●○○	●●○○	●●○○	●●●○	●●●○	●●●●	●●●●	●●●○
Mounting Height	7 – 9 ft (2.2 – 2.75 m)	7 – 9 ft (2.2 – 2.75 m)	7 – 9 ft (2.2 – 2.75 m)	7 – 9 ft (2.2 – 2.75 m)	7 – 9 ft (2.2 – 2.75 m)	7 – 9 ft (2.2 – 2.75 m)	7 – 10 ft (2.1 – 3.0 m)	7 – 10 ft (2.1 – 3.0 m)	7 – 10 ft (2.1 – 3.0 m)	7 – 10 ft (2.1 – 3.0 m)	7 – 10 ft (2.1 – 3.0 m)
Lookdown Zone	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Environment §	Standard	Standard	Difficult	Difficult	Difficult	Difficult	Standard	Difficult	Standard	Difficult	Difficult
Application	Small to Medium risk	Small to Medium risk	Medium risk	Small to Medium risk	Small to Medium risk	Small to Medium risk	Medium to High risk	Medium to High risk	High risk	High risk	Narrow and long areas

§ Difficult environments include potential false alarm sources, such as rooms with:

- Air conditioning vents
- Strong drafts of cold or warm air
- Slow moving objects such as curtains, plants, or signs hanging from the ceiling
- A fan that could be running when the system is activated
- Underfloor heating
- Room temperatures exceed 86° F (30° C)

Or where the detector could be exposed to bright white light (car headlights, floodlights, direct sunlight etc.)

# Quick Selection Guide

## Ceiling mount and Request-to-exit detectors



**BOSCH**  
Invented for life

### Ceiling mount detectors



	DS936	DS938Z	DS9360	DS939	DS9370
Type	PIR	PIR	TriTech (PIR+MW)	PIR	TriTech (PIR+MW)
Certification	UL,CE	UL,CE	UL,CE	UL,CE	UL,CE
Pet / Small Animal Immunity	No	No	No	No	No
Coverage / Range	24 ft (7.5 m) 360°	60 ft (18 m) 360°	60 ft (18 m) 360°	70 ft (21 m) 360°	70 ft (21 m) 360°
False Alarm Immunity	●●○○	●●○○	●●●○	●●●○	●●●●
Catch Performance	●●○○	●●●○	●●●○	●●●○	●●●○
Mounting Height	7 – 12 ft (2.0 – 3.6 m)	8 – 18 ft (2.5 – 6.0 m)	8 – 18 ft (2.5 – 6.0 m)	8 – 25 ft (2.4 – 7.6 m)	8 – 25 ft (2.4 – 7.6 m)
Environment §	Standard	Standard	Difficult	Standard	Difficult
Application	Small to medium risk	Small to medium risk	Small to medium risk	Medium risk	Medium risk

For special room conditions we can recommend one of our ceiling mount detectors. Special rooms include:

- Large halls where detectors cannot be mounted on a wall.
- Large offices with cubicles where wall mount detectors are not possible
- Small convenience stores with small shelves, where field of view is better vertical than horizontal.

We do not recommend ceiling mount detectors where objects are hanging from a ceiling blocking line-of-sight, or where the ceiling is vibrating as with ceiling-mount HVAC units.

### Request-to-exit detectors



	DS150i Series	DS160 Series	
Type	PIR	PIR	
Certification	UL, CE	UL, CE	
Coverage / Range	8 x 10 ft (2.4 x 3.0 m)	8 x 10 ft (2.4 x 3.0 m)	
Maximum Mounting Height	13 ft (4 m)	13 ft (4 m)	
Features	Door Monitor w/ Sounder	○ ●	
	Cover Tamper	○ ●	
	LED Enable/Disable	○ ●	
	Keycard Reader Input	○ ●	
	Sequential Logic Input	○ ●	
	Relay Fall Safe / Fall Secure	● ●	
	Relay Settable Select	● ●	
	Relay Latch Time Adjustment	0.25 – 60 sec	0.5 – 64 sec
	Adjustable Optics	Vertical Adjustment	Vertical Adjustment
	Pattern Masking	● ●	
Options	Trim Plate	● ●	
	Sounder Cover	○ ●	
Operating voltage	12 or 24 (VDC or VAC)	12 or 24 (VDC or VAC)	
Max. current Draw	35 mA	39 mA	
Operating Temperature	-22° to +120° F (-30° to +50° C)	-22° to +120° F (-30° to +50° C)	