

	REQUEST-TO-EXIT SENSOR DS160 VERTICAL CURTAIN BOSCH	PIR DETECTOR DS778 BOSCH	PIR DETECTOR ISC-RP02- W12 BOSCH	PIR DETECTOR ISC-RP02- W12 BOSCH	PIR DETECTOR ISC-RP02- WP12 BOSCH	PIR DETECTOR PDM-112 Vanderbilt	PIR DETECTOR PDM-118 Vanderbilt	PIR DETECTOR SWAN- QUAD CROW	CEILING PIR DETECTOR SWAN-TLC-360 CROW	PIR DETECTOR ACD-0001 TEXECOM	PIR DETECTOR BINGO- PLUS VIDICON	PIR DETECTOR MD-1987 FOR LIGHTING CONTROL EL HOME	CURTAIN PIR DETECTOR PIR-CRT-VIDICON
													
	118.56 EUR 118.56 EUR	62.20 EUR 62.20 EUR	37.17 EUR 37.17 EUR	15.92 EUR 15.92 EUR	19.10 EUR 19.10 EUR	34.36 EUR 34.36 EUR	50.26 EUR 50.26 EUR	9.44 EUR 9.44 EUR	29.04 EUR 29.04 EUR	12.26 EUR 12.26 EUR	8.65 EUR 8.65 EUR	9.09 EUR 9.09 EUR	21.42 EUR 21.42 EUR
Pyroelectric sensor	Double	Double	quadruple	Double	Double			quadruple	quadruple				Double
Detection angle	—	—	—	—	—	—	—	—	—	90 °	100 °	120 ° (wall-mounted) , 360 ° (ceiling-mounted)	4 °
Sensor type	Passive Infra Red (PIR) - vertical curtain	Passive Infra Red (PIR)	Passive Infra Red (PIR)	Passive Infra Red (PIR)	Passive Infra Red (PIR)	Passive Infra Red (PIR)	Passive Infra Red (PIR)	Passive Infra Red (PIR)	Passive Infra Red (PIR)	Passive Infra Red (PIR)	Passive Infra Red (PIR)	Passive Infra Red (PIR)	Passive Infra Red (PIR)
Application	Indoor	Indoor	Indoor	Indoor	Indoor	Indoor / Outdoor	Indoor / Outdoor	Indoor	Indoor	Indoor	Indoor	For indoor use	Indoor
Alarm output						NC	NC	28 V DC / 100 mA NC		24 V / 50 mA NC	NC, EOL - Set with jumpers		NC
Alarm time	0.5 ... 64 s	—	—	—	—	—	—	2 s ± 0.5 s	—	> 2 s	2 s	—	4 s
Range	4 x 6 m	60 x 4.6 m	12 x 12 m	12 x 12 m	12 x 12 m	12 x 12 m	16 x 18 m	18 m @ 2.1 m	Area : • Ø 14 m, Ceiling mounting @ 3 m, • Ø 11 m, Ceiling mounting @ 2.4 m	12 m	15 m	Ø 3 m (wall-mounted) , Ø 6 m (ceiling-mounted)	3.5 m
Target speed range	—	—	—	—	—	0.2 ... 3 m/s	0.2 ... 3 m/s	—	—	0.3 ... 3 m/s	—	—	—
Bracket adjustment	—	—	—	—	—	—	—	—	—	—	—	—	—
Sensitivity adjustment	—	✓	—	—	—	4-step	4-step	✓	✓	3-step	—	10 Lux / 2000 Lux (switchable)	✓
Digital temperature compensation	✓	✓	✓	✓	✓	—	—	✓	✓	✓	✓	—	✓
Protection class (Grade)	—	—	—	—	—	—	—	—	2	—	—	—	—
Adjusting the time of switching on the lighting	—	—	—	—	—	—	—	—	—	—	—	5 s / 30 s / 1 minute / 3 minutes / 5 minutes / 8 minutes	—
Maximal outputs load	1 A / 30 V DC	125 mA / 28 V DC	100 mA / 25 V DC	100 mA / 25 V DC	100 mA / 25 V DC	100 mA / 30 V DC	100 mA / 30 V DC	—	100 mA / 28 V DC	—	—	60 W @ 12 V DC 120 W @ 24 V DC	—
Pet immunity	—	—	—	—	≤ 20 kg	—	—	≥ 25 kg	—	—	≤ 20 kg	—	—
Recommended installation height	—	—	—	—	—	2.0 m ... 2.6 m	2.0 m ... 2.6 m	1.8 m ... 2.4 m	—	—	1.8 ... 2.2 m	1.8 ... 2.5 m over the floor (wall-mounted) 2.2 ... 4.0 m (ceiling- mounted)	—
IK rating	—	—	—	—	—	IK02	IK02	—	—	—	—	IP20	—
"Index of Protection"	—	—	—	—	—	IP41	IP41	—	—	—	—	—	—
Main features	—	—	—	—	—	• MAGIC Mirror Technology • Reliable detection of intruders • High immunity to false alarms • Built-in parametric resistors EOL: 4.7kΩ 250mW • Low current consumption • Very easy installation	• MAGIC Mirror Technology • Reliable detection of intruders • High immunity to false alarms • Built-in parametric resistors EOL: 4.7kΩ 250mW • Low current consumption • Very easy installation	• Digital detector • Quad Linear Imaging Technology • Bi directional temperature compensation • High immunity to false alarms • White light filter • Excellent RF immunity : 30 V/m • Protection against lightning discharges : 50 kV EOL resistors • LED indication • Tamper detection - opening the enclosure • Immunity to environmental changes • Compactness tool	• TAMPER switch indicating open the cover • Resistance to fluorescent and halogen light • Hard lenses with 360° coverage • Events memory • High resistance to RFI & EMI	• Digital detector • The Fresnel lens array in LODIFF® technology • Fresnel lens with UV filter POLY IR® • White light filter • LED indication • Excellent RF immunity : 30 V/m • Pulse counter • EOL resistors on board • Tamper detection - opening the enclosure, removing from mounting surface	• Digital detector • The adjustable lens allows the detector to be positioned as a horizontal or vertical curtain • Bright LED • Alarm triggering delay • Detection of the direction of movement from which the alarm is to be triggered • LED indication • Pulse counter • TAMPER switch indicating open the cover • Lens - 6 zones in 1 level		
Permissible relative humidity	—	—	—	—	—	< 95 % RH (non-condensing)	< 95 % RH (non-condensing)	—	—	—	—	—	—
Environment class	—	—	—	—	—	EN 50131-2-2 Grade 2	EN 50131-2-2 Grade 2	EN 50131-2-2 Grade 2	—	—	EN 50131-2-2 Grade 2	—	EN 50131-2-2 Grade 2
Color	—	—	—	—	—	White	White	White	—	—	White	White	White
Power supply	12 V DC / 9 mA (38 mA - Alarm signaling)	12 V DC / 18 mA	12 V DC / 10 mA	12 V DC / 9 mA	12 V DC / 9 mA	9 V ... 16 V DC / 4.7 mA (max)	9 V ... 16 V DC / 4.7 mA (max)	8.2 V ... 16 V DC / 30 mA (max)	8.2 V ... 16 V DC / 9 mA	9 V ... 15 V DC / 10.6 mA	9 ... 15 V DC @ 11 mA / 19 mA (max)	12 V / 24 V DC	9 ... 15 V DC @ 12 mA / 23 mA (max)
Operation temp	-29 °C ... 49 °C	-40 °C ... 49 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-20 °C ... 50 °C	-10 °C ... 55 °C	-18 °C ... 40 °C	-18 °C ... 40 °C	-25 °C ... 55 °C
Weight	0.16 kg	0.195 kg	0.085 kg	0.08 kg	0.08 kg	0.09 kg	0.114 kg	0.064 kg	0.12 kg	0.06 kg	0.06 kg	0.04 kg (total)	0.06 kg
Dimensions	178 x 44 x 46 mm	95 x 149 x 59 mm	110 x 65 x 50 mm	60 x 105 x 43 mm	60 x 105 x 43 mm	57 x 128 x 32 mm	64 x 147 x 35 mm	59 x 92 x 37 mm	Ø 110 x 45 mm	95 x 63 x 41 mm	63 x 114 x 40 mm	• Ø 18 x 26 mm (detector) • 56 x 37 x 26 mm (relay and control module)	37 x 130 x 34 mm
Manufacturer / Brand	BOSCH	BOSCH	BOSCH	BOSCH	BOSCH	Vanderbilt	Vanderbilt	CROW	CROW	TEXECOM	VIDICON	EL HOME	VIDICON
Guarantee	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years



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