

DETECTORS





DETECTORS

MOTION






internal

Motion detectors are key devices of the security system. They provide high reliability that fundamentally affects the whole security system. Internal detectors are intended to recognize movement of people in the interior.







Product code	JA-110P	JA-110P PET
Product name	Bus PIR motion detector	Bus PIR motion detector with basic pet immunity
Product type	bus 	bus 
Dimensions	60 x 95 x 55 mm	60 x 95 x 55 mm
Power supply	12 V from the control panel bus	12 V from the control panel bus
Operating frequency	-	-
Communication range	-	-
Battery service life	-	-
Backup (idle) mode current consumption	5 mA	5 mA
Current consumption for cable selection	5 mA	5 mA
Mounting height	2.5 m above the floor level	2 m above the floor level
Detection angle	110° / 12 m (with standard lens)	90° / 12 m 90° / 7 m (pet immunity)
Operating temperature	-10 °C to +40 °C	-10 °C to +40 °C
Note	-	Pet immunity up to approx. 25 kg and a maximum height of 40 cm.

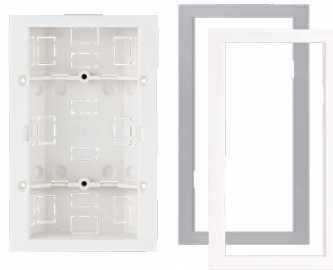
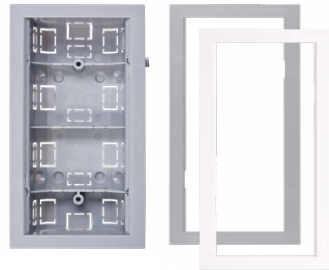
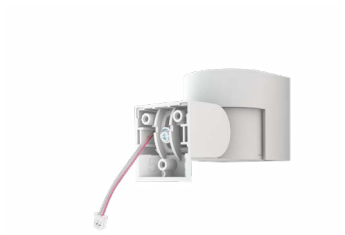


JA-111P-WW / JA-111P-WG	JA-112P / JA-112P (G)	JA-115P	JA-150P	JA-150P PET
Bus PIR motion detector with a white/grey lens	Bus PIR motion detector	Bus ceiling PIR motion detector	Wireless PIR motion detector	Wireless PIR motion detector with basic pet immunity
bus 	bus 	bus 	wireless 	wireless 
62 x 90 x 37 mm	62 x 110 x 40 mm	ø 125 x 40 mm	60 x 95 x 55 mm	60 x 95 x 55 mm
12 V from the control panel bus	12 V from the control panel bus	12 V from the control panel bus	2x BAT-1V5-AA - not included in the product package	2x BAT-1V5-AA - not included in the product package
-	-	-	868.1 MHz	868.1 MHz
-	-	-	about 300 m (open area)	about 300 m (open area)
-	-	-	approx. 2 years (longest in the Smart Watch mode)	approx. 2 years (longest in the Smart Watch mode)
2.5 mA	3 mA	3 mA	-	-
10 mA	11 mA	30 mA	-	-
2.5 m above the floor level	2.2 -2.5 m above the floor level	2.5 - 3.5 m above the floor level	2.5 m above the floor level	2 m above the floor level
90° / 12 m	90° / 12 m	360° / Ø 11 m (in height of 3.5 m)	110° / 12 m (with standard lens)	90° / 12 m 90° / 7 m (pet immunity)
-10 °C to +40 °C	-10 °C to +40 °C	-10 °C to +40 °C	-10 °C to +40 °C	-10 °C to +40 °C
Detectors with a grey lens have an increased resistance towards white light (up to 10.000 lux).	Detectors with a grey lens have an increased resistance towards white light (up to 10.000 lux).	Accessories - universal ceiling circular spacer PLV-P-ST.	-	Pet immunity up to approx. 25 kg and a maximum height of 40 cm.





Product code	JA-151P-WW / JA-151P-WG	JA-152P / JA-152P (G)	JA-155P	JA-185P
Product name	Bus PIR motion detector with a white/grey lens	Wireless PIR motion detector	Wireless ceiling PIR motion detector	Wireless PIR motion detector
Product type	wireless 	wireless 	wireless 	wireless 
Dimensions	62 x 130 x 38 mm	62 x 110 x 40 mm	ø 125 x 40 mm	46 x 88 x 27 mm
Power supply	2x BAT-1V5-AA - not included in the product package	1x BAT-3V0-CR123A - not included in the product package	up to 2x BAT-3V0-CR123A - not included in the product package	1x BAT-3V6-AA-LS - not included in the package
Operating frequency	868.1 MHz	868.1 MHz	868.1 MHz	868.1 MHz
Communication range	about 300 m (open area)	about 300 m (open area)	about 300 m (open area)	about 100 m (open area)
Battery service life	approx. 2 years (longest in the Smart Watch mode)	approx. 4 years (longest in the Smart Watch mode)	approx. 2 years with 1x BAT-3V0-CR123A approx. 4 years with 2x BAT-3V0-CR123A	about 3 years (sensor sleep 5 minutes)
Backup (idle) mode current consumption	-	-	-	-
Current consumption for cable selection	-	-	-	-
Mounting height	2.5 m above the floor level	2.2 - 2.5 m above the floor level	2.5 - 3.5 m above the floor level	up to 4 m
Detection angle	90° / 12 m	90° / 12 m	360° / Ø 11 m (in height of 3.5 m)	360° / Ø 10m (in height of 4 m)
Operating temperature	-10 °C to +40 °C	-10 °C to +40 °C	-10 °C to +40 °C	-10 °C to +40 °C
Note	Detectors with a grey lens have an increased resistance towards white light (up to 10.000 lux).	Detectors with a grey lens have an increased resistance towards white light (up to 10.000 lux).	Accessories - universal ceiling circular spacer PLV-P-ST.	Can be connected to a CA-2103 car alarm.



JA-191PL	JA-193PL	JA-196PL-S
Articulated holder for PIR detectors of the JA-1x1P type	Wall holder for PIR detectors of the JA-1x1P type	Wall holder for PIR detectors of the JA-1x2P type
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
For PIR detectors of the JA-1x1P and JA-1x2P types.	For PIR detectors of the JA-1x1P type in the following variants: JA-193PL-BOX-S, JA-193PL-F-S-G, JA-193PL-F-S-W, JA-193PL-BOX-M, JA-193PL-F-M-G, JA-193PL-F-M-W.	For PIR detectors of the JA-1x2P type.





DETECTORS

MOTION

external




Product code	JA-157P	JA-158P
Product name	Wireless outdoor two-zone PIR detector - screen	Wireless outdoor motion detector
Product type	wireless 	wireless 
Dimensions	52 x 176 x 66 mm	99 x 205 x 266 mm
Power supply	1x BAT-3V0-CR123A - not included in the package	2x BAT-3V0-CR123A - not included in the package
Operating frequency	868.1 MHz	868.1 MHz
Communication range	about 300 m (open area)	about 300 m (open area)
Battery service life	approx. 3 years (battery-saving mode 120s)	approx. 3 years (battery-saving mode 120s)
Mounting height	0.8 - 1.2 m	2.5 - 3.0 m
Detection angle	5° / 2 or 5 m	85° / 12 m
Operating temperature	-20 °C to +60 °C	-20 °C to +60 °C

External detectors capture intrusion of the outside area by a person. Thanks to two-zone detection, they are highly resistant to false alarms.



JA-159P

Wireless outdoor motion detector

wireless 

71 x 186 x 105 mm

2x BAT-3V0-CR123A
- not included in the package

868.1 MHz

about 300 m (open area)

approx. 3 years
(battery-saving mode 120s)

0.8 - 1.2 m

90° / 12 m

-20 °C to +60 °C





DETECTORS




MOTION combined and dual

Motion detectors in the combined or dual variant reliably identify and verify alarms using glass break detection or microwave detection.



Product code	JA-120PW	JA-120PB
Product name	Bus combined PIR and MW motion detector	Bus PIR motion and glass break detector
Product type	bus 	bus 
Dimensions	60 x 95 x 55 mm	60 x 95 x 55 mm
Power supply	12 V from the control panel bus	12 V from the control panel bus
Battery service life	-	-
Backup (idle) mode current consumption	5 mA	5 mA
Current consumption for cable selection	25 mA	5 mA
Mounting height	2.5 m above the floor level	2.5 m above the floor level
PIR detection angle	110° / 12 m (with standard lens)	110° / 12 m (with standard lens)
MW detection angle - open space	24° / 12 m	-
MW detection angle - 8 x 7 m room	90° / 15 m	-
Detection range of glass break	-	9 m (glass at least 60 x 60 mm)
Operating temperature	-10 °C to +40 °C	-10 °C to +40 °C



Product code	JA-180PB	JA-180W	JA-186P
Product name	Wireless PIR motion and glass break detector	Wireless combined PIR and MW motion detector	Wireless two-zone PIR motion detector
Product type	wireless 	wireless 	wireless 
Dimensions	60 x 110 x 55 mm	60 x 110 x 51 mm	60 x 180 x 55 mm
Power supply	PIR: 1x BAT-3V6-AA-LS - not included in the package GBS: 1x BAT-3V6-1/2AA-LS - not included in the package	1x BAT-3V6-AA-LS - not included in the package	1x BAT-3V6-AA-LS - not included in the package
Operating frequency	868.1 MHz	868.1 MHz	868.1 MHz
Communication range	about 300 m (open area)	about 300 m (open area)	about 300 m (open area)
Battery service life	about 3 years (sensor sleep 5 minutes)	about 2 years (switch no. 3 in NORM position)	about 3 years (sensor sleep 5 minutes)
Mounting height	2.5 m above the floor level	2.5 m above the floor level	1.2 m above the floor level
Detection angle / range	110° / 12 m (with standard lens)	110° / 12 m (with standard lens)	120° / 12 m (with standard lens)
MW detection angle - open space	-	24° / 12 m	-
MW detection angle - 8 x 7 m room	-	90° / 15 m	-
Detection range of glass fracture	9 m (glass at least 60 x 60 mm)	-	-
Operating temperature	-10 °C to +40 °C	-10 °C to +40 °C	-10 °C to +40 °C