External Motion Detectors
PIR External Motion Detectors

Type		Order No.

IS382 — **External PIR detector volumetric, 40 x 10 m** — S54533-F103-A100

Universal application for outdoor monitoring of unauthorized entry. Uniform high sensitivity over the entire detection range including close-in detection by means of focused mirror optics. For volumetric detection. Ideal for activating a combined video surveillance system.

Supply voltage	10.5 ~ 30 VDC / 24 VAC (+/-15%)
Current consumption	Typ. 18 mA @ 12 VDC / 10 mA @ 24 VDC
Alarm relay output (NO/NC)	28 VDC, max. 250 mA NC
Open collector output	Open collector NPN, 60 VDC, max. 20 mA
Sensitivity adjustment	DIP switches and RS485
Tamper switch	30 VDC, 100 mA
Communication	Bi-directional RS 485 @ 9,600 baud
Optical system	Segmented precision mirror
Walking speed	0.20 to 5.00 m/s
Front window	Plastic, IR transmissive
Installation height	2.50 to 4.00 m
Operating temperature	-20 ~ +60 °C
Dimensions (W x H x D)	Ca. 100 x 128 x 247 mm
Weight	Ca. 0.900 kg

IS384 — **External PIR detector volumetric, 50 x 30 m** — S54533-F104-A100

Universal application for outdoor monitoring of unauthorized entry. Uniform high sensitivity over the entire detection range including close-in detection by means of focused mirror optics. For volumetric detection. Ideal for activating a combined video surveillance system.

Supply voltage	10.5 ~ 30 VDC / 24 VAC (+/-15%)
Current consumption	Typ. 18 mA @ 12 VDC / 10 mA @ 24 VDC
Alarm relay output (NO/NC)	28 VDC, max. 250 mA NC
Open collector output	Open collector NPN, 60 VDC, max. 20 mA
Sensitivity adjustment	DIP switches and RS485
Tamper switch	30 VDC, 100 mA
Communication	Bi-directional RS 485 @ 9,000 baud
Optical system	Precision glass mirror
Walking speed	0.20 to 5.00 m/s
Front window	Plastic, IR transmissive
Installation height	2.50 to 4.00 m
Operating temperature	-20 ~ +60 °C
Dimensions (W x H x D)	Ca. 100 x 128 x 247 mm
Weight	Ca. 0.900 kg