

Description

The detectors of the velum series, thanks to their particularly compact size, are ideal for protecting doors, windows, and display cases. Moreover, due to the materials used and their advanced technology, they can be installed in any outdoor environment where it is necessary to cover well-defined areas, such as walls or passages. The sensors create a curtain-type coverage with a 7.5° angle and have an adjustable range of up to 12 meters. The materials used to manufacture the sensors are highly resistant to atmospheric agents; in addition, the electronic board undergoes a tropicalization process to ensure proper operation under all humidity and temperature conditions. The careful design and digital microwave signal analysis make these sensors particularly stable and immune to false alarms.



KSI5302010.303

The infrared lens anti-masking is performed using an active infrared LED analysis.

The outdoor curtain sensors of the velum DT-AM series are synonymous with reliability and high security, not only in terms of quality but also against tampering attempts, as they are equipped with an accelerometer for anti-tear protection and a microswitch for front opening protection.

Programmable functions (enable/disable) via dip-switches on the electronic board: LED, anti-masking, anti-tear analysis, end-of-line resistors.

Technical Specifications

Power supply	standard 12V, max 14V
Maximum consumption	30mA
Range	12m (room temperature 25°C)
Width of covered area	25cm at 2m of distance, 130cm at 10m
Detection distance	from 0.30m up to 12m
Installation height	from 2.10m to 2.30m max on the wall
Anti-masking analysis	Active Infrared LED
Tamper	accelerometer
Signaling LED	five colors RGB, Selectable by dip-switch
Point of Detection	single, curtain beam (angle 7.5°)
Horizontal coverage	IR 90°, MW 80°
Vertical coverage	IR 7.5°, MW 32°
Operating Temperature Range	from -20° C to +55° C
Assembly	with angle bracket (reversible) and wall mounting
Dimensions	38x129x40 mm (WxHxD)
Weight	90 g
Protection	IP54
End of line Resistors	Embedded triple balancing 10kOhm in parallel (selectable by dip-switch on electronic board)

System maximum configuration

lares 4.0 models	wls 96	16	40	40 wls	140 wls	644 wls
Maximum number of wired detectors (connected zones)	40	16	40	40	140	644

Accessories

- KSI5900003.003 - Rain cover

How to order

KSI5302010.303 - curtain motion detector

Compliance

Europe - CE



Technical specification, appearance, functional and other product characteristics may change without notice.