

# Intrusion detection starts

## Shock and Seismic detectors

### Seismic detector

- Intelligent signal processing
- Adjustable sensitivity
- Multiple installation options



### Shock detector

- Intelligent 3-axis vibration detection (MEMS)
- Self learning mode
- Adjustable sensitivity
- Easy to install



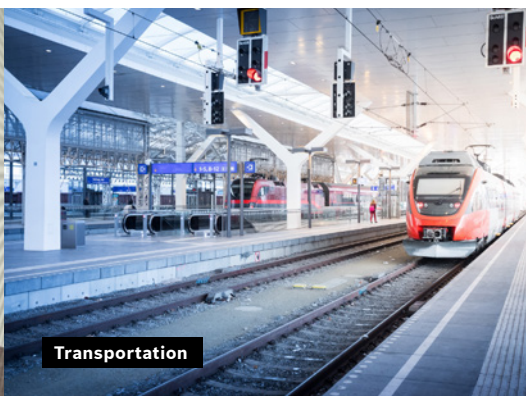
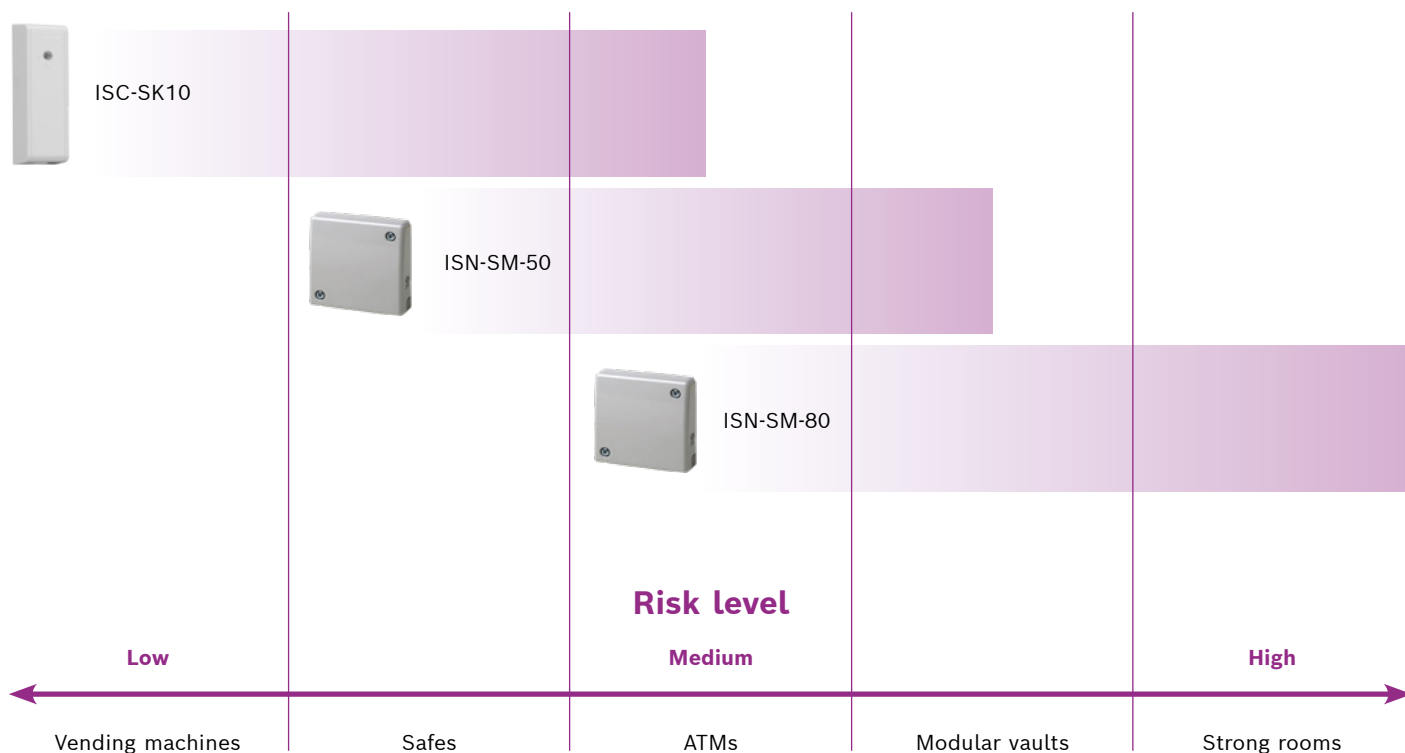
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MEMS  
sensor  
inside



Shock and Seismic detectors are designed to detect explosives, mechanical or thermal attacks on objects or surfaces. They have a low profile and are easy to install, even in tight spaces, making them ideal to monitor vending machines, automated teller machines (ATMs) and vaults providing protection against vandalism or theft.

## Applications







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# Shock and Seismic detectors

## Specifications

Type	Shock	Seismic	Seismic
Commercial Type Number	ISC-SK10	ISN-SM-50	ISN-SM-80
			
Application risk level	Low to moderate risk	High risk	High risk
Type	Mechanical attack detection	Thermal, water attack, explosives and mechanical attack detection	Thermal, water attack, explosives and mechanical attack detection
Surface	Concrete, brick, steel, wood, glass	Concrete, steel, synthetic (e.g. light weight vaults)	Concrete, steel, synthetic (e.g. light weight vaults)
Coverage / range	1,5 up to 3,5 m 5 up to 11.5 ft	Up to 16 m / 50 m2 Up to 52 ft / 538 ft²	Up to 18 m / 80 m2 Up to 59 ft / 861 ft²
Current draw	8,5 mA	3 mA	3 mA
Dimensions (H x W x D)	10 x 3 x 2 cm	8,9 x 8,9 x 2,2 cm	8,9 x 8,9 x 2,2 cm
Certification	CE	CE, VdS, CCC, UL	CE, VdS, CCC, UL
Warranty 	3 years	3 years	3 years

Specialty sensors  
and detectors  
webpage



Shock Sensor  
Wiring video



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