6943AMP

Outdoor curtain detector, Triple Technology, PIR, radar & active infrared, anti-masking, white, without T-bracket, 24 GHz

Triple technology inside

This white curtain detector is an outdoor motion sensor and alarm trigger that uses two independent passive infrared detectors and a microwave sensor module. All three sensors must trigger to cause the detector to signal an intruder alarm. In addition it has active infrared technology on board used to detect an anti-masking attempt of the detector. Due to its size it can be smoothly integrated in residential applications.

Easy and quick to install

Programmable options include a variable pulse count and LED able/disable functionality.
Integrated dip switches allow the installer to select out of 4 predefined ranges depending on the application it will be used for.
The product concept caters for 3 possible installations: flat on the wall, 90° perpendicular to the wall using the T-bracket or using a swivel bracket. The two types of bracket can be bought as an accessory.



Details

- Curtain detector using triple technology : PIR, radar and active infrared
- 4 predefined detection ranges
- T-shape mounting bracket and swivel bracket as accessories
- Suitable for outdoor and indoor use
- Attractive aesthetics
- High dust and humidity resistance (IP65)
- 5 years warranty

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Technical specifications

General

Technology	Dual
Application type	Wall mount
Anti masking	Yes
Pet immune	No
Camera	No

Detection

Max. detection range	12 m
Detection range selection	3, 6, 9, or 12 m
Coverage (field of view)	2.8 x 12 m
Microwave frequency (nom.)	24 GHz
Undercrawl protection	No

Wired/wireless

Wired-wireless	Wired

Inputs/outputs

Alarm relay characteristic	NC, 50 mA, 24 VDC, alarm time 10 s
Tamper relay characteristic	NC, with 20 Ω impedance, 50 mA
Anti mask relay characteristic	NC, with 20 Ω impedance, 50 mA, alarm time 60 s

Electrical

Operating voltage	9 to 15 VDC at max. 40 mA
Current consumption	40 mA

Physical

Physical dimensions	44 x 117 x 41 mm (W x H x D)
Net weight	97 g
Shipping weight	134 g
Colour	White
Mounting height	2 to 4 m

Environmental

Operating temperature	-20 to 55°C
Environment	Outdoor
IP rating	IP65

Passive Infrared

	Fresnel lens in combination with a dual pyro element

Microwave module

	X-band radar 24 GHz

Anti-masking

	Active Infrared technology

Pulse count

	1 or 2

Temperature compensation

	Digital

LED

	Enable/disable via dip switch
	Red : Intrusion Alarm (PIR and radar triggered)
	Green : Anti-Masking Alarm

Mounting height

	2 - 2.5m / up to 4m when using swivel bracket

As a company of innovation, Kidde Global Solutions reserves the right to change product specifications without notice. For the latest product specifications, visit firesecurityproducts.com online or contact your sales representative.

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