

# 6933AMP

## Outdoor Curtain Detector using Triple Technology (PIR, radar & active infrared), white version, without T-bracket

### Triple technology inside

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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

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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

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- 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 |
| 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.) | 10.587 GHz       |

#### Wired/wireless

|                |       |
|----------------|-------|
| Wired-wireless | Wired |
|----------------|-------|

#### Inputs/outputs

|                                |                                       |
|--------------------------------|---------------------------------------|
| Alarm relay characteristic     | NC, 50 mA, 24 VDC                     |
| Tamper relay characteristic    | NC, with 20 $\Omega$ impedance, 50 mA |
| Anti mask relay characteristic | NC, with 20 $\Omega$ impedance, 50 mA |

#### Electrical

|                     |             |
|---------------------|-------------|
| Operating voltage   | 9 to 15 VDC |
| Current consumption | 40 mA       |

#### Physical

|                     |                  |
|---------------------|------------------|
| Physical dimensions | 44 x 117 x 41 mm |
| 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         |

#### Detection range

|  |                       |
|--|-----------------------|
|  | 3 m, 6 m, 9 m or 12 m |
|--|-----------------------|

#### Maximum coverage

|  |            |
|--|------------|
|  | 2.8 x 12 m |
|--|------------|

#### Passive Infrared

|  |  |
|--|--|
|  | Fresnel lens in combination with a dual pyro element |
|--|--|

#### Microwave module

|  |  |
|--|--|
|  | X-band radar 10.587 GHz (France, Greece, Italy, Thailand, UAE, UK) |
|--|--|

#### Anti-masking

|  |                            |
|--|----------------------------|
|  | Active Infrared technology |
|--|----------------------------|

#### Outputs

|                 |                                  |
|-----------------|----------------------------------|
| Alarm NC        | 50mA, 24Vdc, Alarm time 10s      |
| Tamper NC       | with 20 $\Omega$ impedance, 50mA |
| Anti-Masking NC | 50mA, 24Vdc, Alarm time 60s      |

#### Power input

|  |                           |
|--|---------------------------|
|  | 9 to 15 VDC at max. 40 mA |
|--|---------------------------|

#### Pulse count

|  |        |
|--|--------|
|  | 1 or 2 |
|--|--------|

#### Temperature compensation

|  |         |
|--|---------|
|  | Digital |
|--|---------|

#### Operating temperature

|  |              |
|--|--------------|
|  | -20 to +55°C |
|--|--------------|

#### Dimensions, W x H x D

|  |                  |
|--|------------------|
|  | 44 x 117 x 41 mm |
|--|------------------|

#### Weight

|  |                       |
|--|-----------------------|
|  | 97 g net, 134 g gross |
|--|-----------------------|

#### 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 |
|--|---|