

6941AMP

Outdoor curtain detector, Triple Technology, PIR, radar & active infrared, 24 Ghz

Triple technology inside

This outdoor 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 that comes together with the standard detector or using a swivel bracket that can be bought as a separate accessory.



Details

- Outdoor curtain detector using triple technology : PIR, radar and active infrared
- 4 predefined detection ranges
- T-shape mounting bracket comes together with detector
- Swivel bracket as accessory
- Attractive aesthetics
- High dust and humidity resistance (IP65)
- 5 years warranty

6941AMP

Outdoor curtain detector, Triple Technology, PIR, radar & active infrared, 24 Ghz

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 |
| Alarm time | 10 s |
| 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 |

Wired / wireless

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

Inputs / outputs

| | |
|--------------------------------|---------------------------------------|
| Alarm relay characteristic | NC, 50 mA, 24 VDC |
| Tamper relay characteristic | NC, with 20 Ω impedance, 50 mA |
| Anti mask relay characteristic | NC, 50 mA, 24 VDC, 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 | 139 g |
| Shipping weight | 201 g |
| Colour | Bronze |
| Mounting height | 2 to 4 m |
| Mounting height | 2 to 2.5 m / up to 4 m when using swivel bracket |

Environmental

| | |
|--------------------------|--------------|
| Operating temperature | -20 to +55°C |
| Environment | Outdoor |
| IP rating | IP65 |
| Temperature compensation | Digital |

LED

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



As a company of innovation, Carrier Fire & Security reserves the right to change product specifications without notice. For the latest product specifications, visit firesecurityproducts.com online or contact your sales representative.

Last updated on 27 September 2023 - 14:36