

DA-5



DETECTORS

Request-to-exit PIR detector



Features

- *Suitable for indoor/outdoor applications*
- *Provides hands free entrance or exit*
- *Wall, ceiling, or door frame mounting*
- *12 or 24V AC or DC operation*
- *Adjustable detection area*
- *Timer controlled relay, 1-60 seconds*

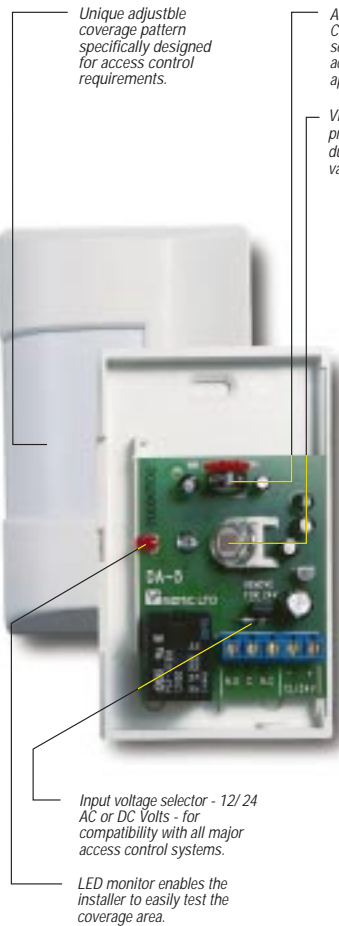


Visonic Ltd

Committed to Advancing Security

DA-5

DETECTORS



Unique adjustable coverage pattern specifically designed for access control requirements.

Adjustable timer Control, 1 to 60 seconds, for various access control applications.

Visible light filter to prevent false alarms due to ambient light variations.

Input voltage selector - 12/24 AC or DC Volts - for compatibility with all major access control systems.

LED monitor enables the installer to easily test the coverage area.

The DA-5 is a PIR motion detector designed for use with access control, automatic door opening systems and request-to-exit applications. Suitable for indoor and outdoor use (in water and rain protected environments) the DA-5 has an adjustable detection area and can be mounted at various heights on the wall above the door, or on the ceiling. Upon detection of motion, the on-board changeover relay energizes for a predetermined period.

The relay pull-in time is adjustable between 1 and 60 seconds with an on-board timer control.

Operating power for the DA-5 may be supplied from a 12 or 24V AC or DC source. A jumper is provided on the printed circuit board for selecting the input voltage.

Specifications

OPTICAL

Detection Lens: Lens No.74.
Detection Zones: 3 zones (A, B and C).
No. of Beams: 7 beams per zone.

ELECTRICAL

Input Voltage: 12 or 24 Volts AC/DC (protected against reversed polarity).
Current Drain:
 @ 12 VDC: 7 mA standby, 50 mA max.
 @ 12 VAC: 14 mA standby, 65 mA max.
 @ 24 VDC: 7 mA standby, 50 mA max.
 @ 24 VAC: 15 mA standby, 80 mA max.
Output Relay Pull-in Period: 1 to 60 seconds, adjustable.
Relay Switching Capability: 2 A max. at 28V AC or DC.
Detector Type: Dual-element pyro-electric sensor.

PHYSICAL

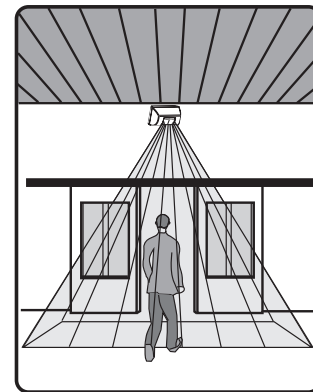
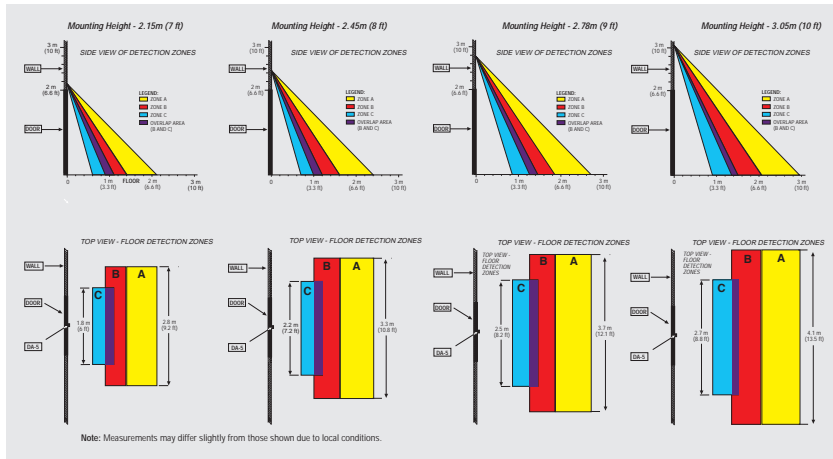
Size: 10.5 x 6.5 x 5.3 cm (4.1 x 2.5 x 2.1 in).
Weight: 95 gr (3.3 oz).
Color: White.

MOUNTING

Alternatives: Wall or ceiling mounting above the door (lens inversion is necessary for ceiling mounting).
 Suitable for surface mounting on top of standard single-gang electrical switchbox.
Height: 2.15 - 3m (7-10 ft).

ENVIRONMENTAL

Operating Temperature: 10°C to 50°C (14°F to 120°F).
Storage Temperature: -20°C to 60°C (-4°F to 140°F).
Intended Use: Indoors (also outdoors in water and rain-protected locations).



Visonic Ltd. reserves the right to change specifications without prior notice. Full warranty statement available upon request.

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