

## Passive Infrared (European Models)

### DS303E Motion Analyzer II PIR

DS303E

Specify optional accessories, if necessary.



The DS303E is a wall mount, Passive Infrared Intrusion Detector which uses Motion Analyzer II signal processing to reduce false alarms. Field replaceable pointable mirrored optics, 4 different coverage patterns and 3 different mounting options provide installation flexibility.

#### ■ Features

- Motion Analyzer II Processing\*
- Pointable Mirrored Optics
- 4 Coverage Patterns
- 3 Mounting Options
- Draft/Insect Immunity
- CE

\*patented

#### ■ Basic Functions

##### Signal Processing

- Motion Analyzer II uses multiple thresholds and timing windows to analyze timing, amplitude, duration and polarity of signals to make an alarm decision. Will not alarm on extreme levels of thermal and illumination

disturbances caused by heaters and air conditioners, hot and cold drafts, sunlight, lightning, and moving headlights. Motion Analyzer II Processing provides two sensitivity settings.

#### Test Features

- Externally visible alarm LED flashes to indicate trouble condition.

#### Draft/Insect Immunity

- The sealed optical chamber provides immunity to drafts and insects.

#### ■ Certification

CE-EMC 89/336

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#### ■ Patents

4,764, 755

#### ■ Coverage

##### Standard Coverage

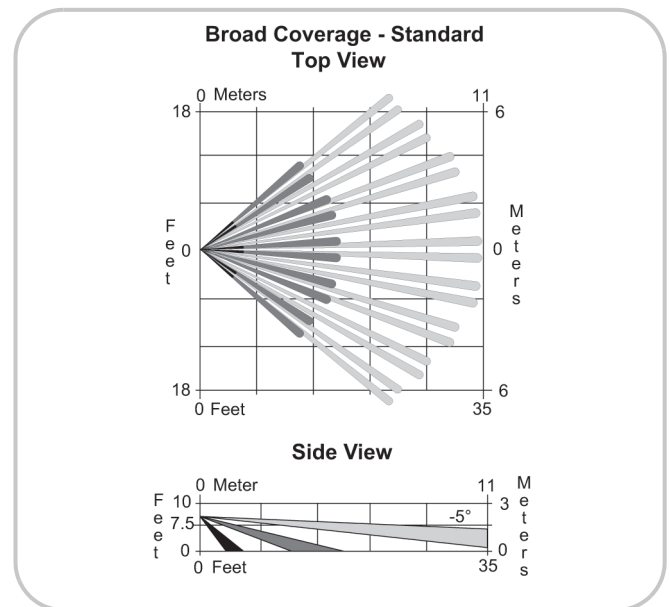
Broad: 35 ft. x 35 ft. (11 m x 11 m)

##### Optional Coverage

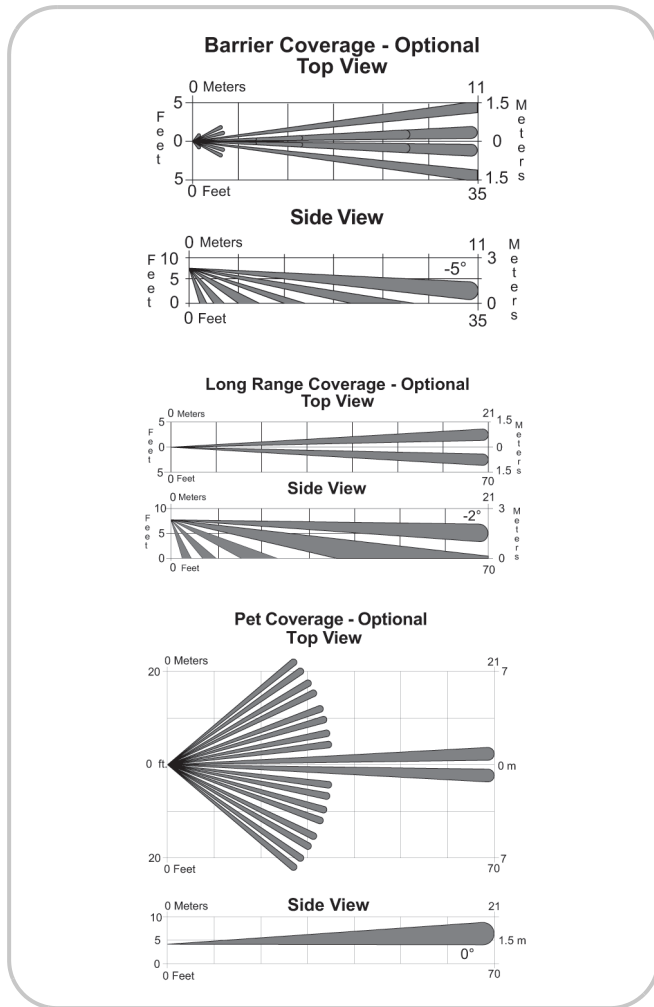
Long Range: 70 ft. x 10 ft. (21 m x 3 m)

Barrier: 35 ft. x 10 ft. (11 m x 3 m)

Pet: 35 ft. x 35 ft. (11 m x 11 m) with 70 ft. (21 m) Long Range Coverage



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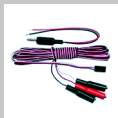





## Technical Specifications

<b>Power Requirements</b>	9 to 15 VDC, 15 mA @ 12 VDC
<b>Alarm Output</b>	Normally Closed reed relay rated at 3.0 watts, 125 mA @ 28 VDC for resistive loads and protected by a 4.7 ohm resistor in the common "C" leg.
<b>Tamper Output</b>	Normally Closed (with cover in place) tamper switch. Contacts rated at 28 VDC, 125 mA maximum.
<b>Radio Frequency Interference (RFI) Immunity</b>	No alarm or setup on critical frequencies in the range from 26 to 950 Megahertz at 50 v/m.

<b>Internal Pointability</b>	Coverage is adjustable -18° to +2° vertically.
<b>Storage &amp; Operating Temperatures</b>	-40° to +49°C (-40°F to +120°F).
<b>Enclosure Design</b>	Low profile, high impact ABS plastic enclosure; white color. Measures (HxWxD) 4.2 in. x 2.7 in. x 1.8 in. (10.8 cm x 7 cm x 4.6 cm).
<b>Standard Mounting</b>	Wall and corner. Mounting range is 7 ft. x 10 ft. (2 m to 3 m). Recommended mounting height is 7.5 ft. (2.3 m).
<b>Optional Mounting</b>	B335 Low Profile Mount Bracket

## Optional Accessories

	TC6000 Test Cord		OMP93 Pet Mirror
	B335 Low Profile Mount Bracket		OMB93 Barrier Mirror
OMLR93 Long Range Mirror			
OMP93, OMLR93, and OMB93 mirrors, and the B335 Low Profile Mount Bracket are shipped in packages of 3.			