

### DS940Q Intrusion Detector

DS940Q

Specify optional accessories, if necessary.



The DS940Q is a wall mount, Quad Passive Infrared Intrusion Detector. This detector employs two individual sensors which operate like two PIRs in one. Each sensor is processed separately and both must activate to cause an alarm.

#### ■ Features

- Easy to Install with Flexible Mounting Options
- Dual Sensor/Quad Element Design
- 40 ft. (12 m) Broad Coverage
- Look Down Coverage
- Two Separate Pyroelectric Elements
- UL Listed, CE

#### ■ Basic Functions

##### Signal Processing

- The DS940Q combines two PIRs that each use First Step Processing (FSP). First Step Processing allows virtually instant response to human targets without sacrificing false alarm immunity to other sources. By adjusting its sensitivity based upon signal amplitude, polarity, slope and timing, FSP eliminates the need for the installer to select the sensitivity level for the application. Each sensor is processed individually, and both must agree there is an alarm before the alarm relay is activated.

##### Test Features

- Externally visible alarm LED may be disabled after installation.

#### ■ Certification

UL Listed	BP1448
CE-EMC	89/336

#### ■ Patents

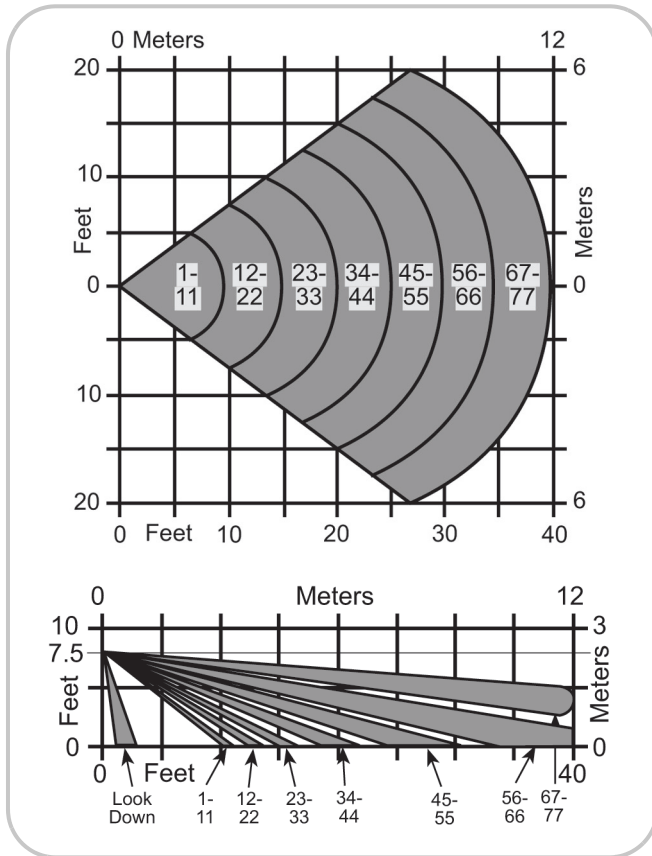
4,764,755	5,670,943
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**Coverage**

**Standard Coverage**

Broad: 40 ft. x 40 ft. (12 m x 12 m).



**Technical Specifications**

<b>Power Requirements</b>	9 to 15 VDC, 12 mA @ 12 VDC
<b>Alarm Output</b>	Normally closed reed relay with contacts rated at 125 mA @ 28 VDC, maximum; 18 VAC, maximum resistive. The relay opens on an alarm condition.
<b>Tamper Output</b>	Cover activated Normally Closed tamper switch with contacts rated 125 mA @ 28 VDC, maximum. The switch opens when the cover is removed.
<b>Radio Frequency Interference (RFI) Immunity</b>	No alarm or setup on critical frequencies in the range from 26 to 1000 Megahertz at 30 v/m.

<b>Storage &amp; Operating Temperatures</b>	-20°F to +120°F (-29°C to +49°C). For UL Certified installations, +32°F to +120°F (0°C to +49°C).
<b>Enclosure Design</b>	High impact ABS plastic enclosure with internal lens frame. Measures (HxWxD) 5 in. x 2.8 in. x 2.2 in. (12.7 cm x 7.18 cm x 5.6 cm).
<b>Standard Mounting</b>	Surface or corner mount. Recommended mounting height is 7.5 to 9 ft. (2.25 to 2.7 m). Mounts to standard single gang electrical box.

**Optional Accessories**



B335 Low Profile Mount Bracket. Shipped in packages of 3.