

Passive Infrared

DS940/DS940T Intrusion Detector

DS940	Specify optional accessories, if necessary.
DS940T	Includes tamper switch.



The DS940 is a wall mount, Passive Infrared Intrusion Detector. It uses “grooves-in” Fresnel lenses to provide superior catch performance. The ease of installation and flexible mounting options provide state-of-the-art detection every time.

■ Features

- Easy to Install with Flexible Mounting Options
- Small Unobtrusive Design
- 40 ft. (12 m) Broad Coverage
- Bracket Mounting Option
- Draft/Insect Immunity
- UL Listed, CE

■ Basic Functions

Signal Processing

- First Step Processing (FSP) 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.

Draft/Insect Immunity

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

■ Certification

UL Listing	BP1448
CE-EMC	89/336

■ Patents

4,764,755



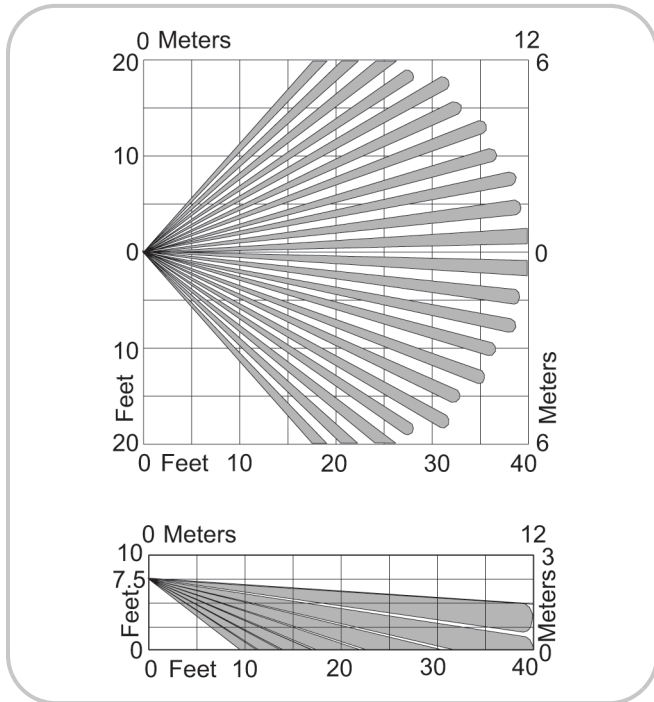
detection systems

A Member of the
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Coverage

Standard Coverage

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




Technical Specifications

Power Requirements	9 to 15 VDC, 17 mA @ 12 VDC
Alarm Output	Normally closed reed relay with contacts rated at 125 mA @ 28 VDC, maximum; 18 VAC, maximum resistive load only. The relay opens on an alarm condition.
Tamper Output	Cover activated Normally Closed tamper switch with contacts rated 125 mA @ 28 VDC, maximum. The switch opens when the cover is removed (DS940T only).
Radio Frequency Interference (RFI) Immunity	No alarm or setup on critical frequencies in the range from 26 to 1000 Megahertz at 30 v/m.
Storage & Operating Temperatures	-20°F to +120°F (-30°C to +49°C). For UL Certificated installations, +32°F to +120°F (0°C to +49°C).

Enclosure Design	High impact ABS plastic enclosure with internal lens frame. Measures (HxWxD) 3.35 in. x 2.75 in. x 1.9 in. (8.5 cm x 6.9 cm x 4.8).
Standard Mounting	Surface or corner mount. Recommended mounting height is 7.5 to 9 ft. (2.25 to 2.7 m).

Optional Accessories

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