

Elegance

V5.1



Instructions

P R D O X
SECURITY SYSTEMS
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English

With its timeless design, the Elegance motion detector can be seamlessly integrated into any decor. Its refined styling and discreet size conceals an advanced dual element digital motion detector. With proven performance and reliability, the Elegance provides the security you need without the bulkiness of common detectors. Cutting-edge technology united with harmonious design. The Elegance.

Installation

At the installation height of 2.1m (7ft), Elegance provides full coverage from 1.2m (4ft) to 11m (35ft). Installation at a height other than 2.1m (7ft) will adversely affect the motion detector's coverage.

Avoid placing the detector in proximity to the following sources of interference: reflective surfaces, direct air flow from vents, fans, windows, sources of steam or oil vapor, infrared light sources and objects causing temperature changes such as heaters, refrigerators and ovens.

⚠ Do not touch the sensor surface as this could result in a detector malfunction. If necessary, clean the sensor surface using a soft cloth with pure alcohol.

Powering the Detector

Apply power by connecting the terminals "AUX+" and "AUX-" of the control panel to the "+" and "-" terminals of the detector. Powering the detector initiates a self-test and the red LED flashes for 5 seconds. When the red LED is no longer flashing, the detector is ready.

Walk-testing

At 20°C (68°F), in Normal Shield mode and Single Edge Processing mode, you should not be able to cross more than one complete zone (consisting of 2 beams, left and right sensor detecting elements) in the coverage area with any kind of movement; slow/fast walking or running. In High Shield mode, the amount of movement required to generate an alarm is doubled. The approximate width of a full beam at 11m (35ft) from the detector is 1.8m (6ft). When performing a walk-test, always move across the detection path, not toward the detector.

Jumper Settings

J1	LED Indicator	When enabled, the red LED illuminates for 3 seconds when an alarm occurs and also flashes if the unit detects a movement signal that does not reach the required energy levels for an alarm.
	OFF =	Disabled
	ON =	Enabled Δ
J2	Digital Shield™(Sensitivity)	In Normal Shield mode, the detector is set for normal environments. In High Shield mode, the detector is set for high-risk environments (potential interferences) and therefore provides greatly increased false alarm immunity. However, response time and detector speed may be slower.
	OFF =	High Shield
	ON =	Normal Shield Δ
J3	Processing Type	Single Edge Processing mode should be used in normal environments with minimal sources of interference. Dual Edge Processing Mode provides better false alarm rejection if the detector is placed near sources of interference.
	OFF =	Dual Edge
	ON =	Single Edge Δ

Δ =default

LED Feedback

The LED illuminates for 3 seconds when an alarm occurs and flashes if the unit detects a movement signal that does not reach the required energy levels for an alarm.

Figure 1: PCB View

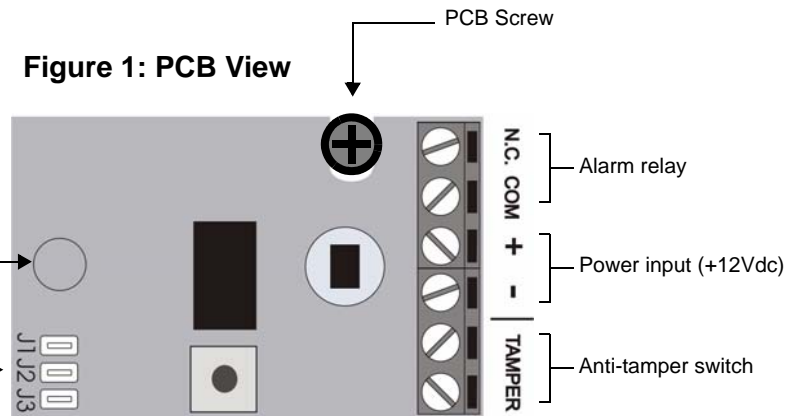


Figure 2: Opening the Detector

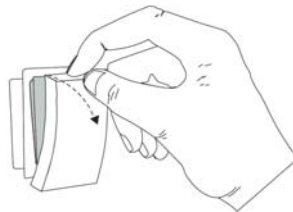


Figure 3: Beam Pattern

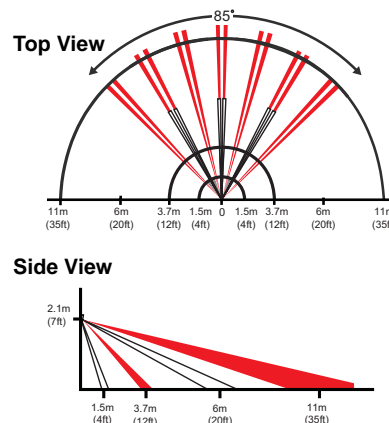
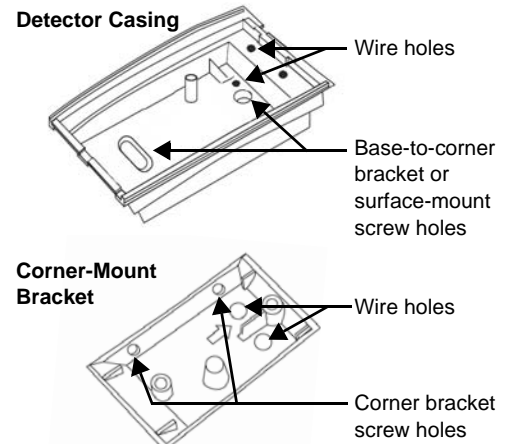


Figure 4: Surface and Corner Mounting

For surface mounting, use detector casing only. For corner mounting, affix detector casing to corner-mount bracket.



NOTE: Elegance does not support any optional lenses. Damaged lenses cannot be replaced.

Specifications

Sensor Type	Dual Element Infrared
Sensor Geometry	Rectangular
Coverage	85° 11m (35ft) X 11m (35ft)
Installation Height	2.1m (7ft)
Operating Temperature	-20°C to +35°C (-4°F to +95°F)
Voltage Input	Typically 11-16Vdc
Current Consumption	15mA maximum
EMI/RFI Immunity	10V/m rejection from 10MHz to 1GHz
Lens	2nd generation Fresnel lens, LODIFF®, segments
Walk speed	0.2m to 3.5m/sec. (0.6ft to 11.5ft/sec.)
Alarm Output	Form A relay 100mA/28Vdc, N.C.
Anti-tamper switch	150mA/28Vdc, N.C.
Certification (i.e. CE, UL)	For updated information, visit www.paradox.com

Warranty

For complete warranty information on this product please refer to the Limited Warranty Statement found on the website www.paradox.com/terms. Your use of the Paradox product signifies your acceptance of all warranty terms and conditions.

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