

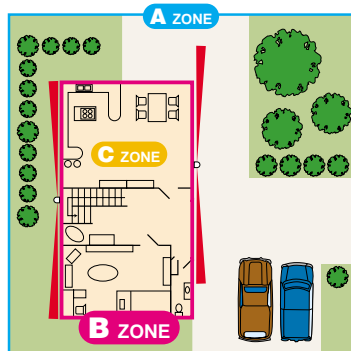
BOUNDARY GARD™

BX-80N

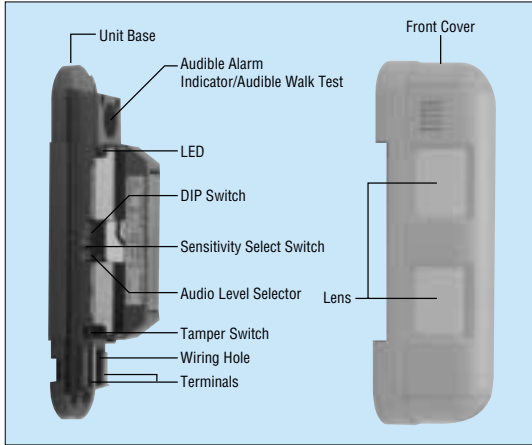


Outdoor PIR Protection that covers a building's perimeter: the BX-80N's long, narrow detection area comes from the centre point, covering both sides.

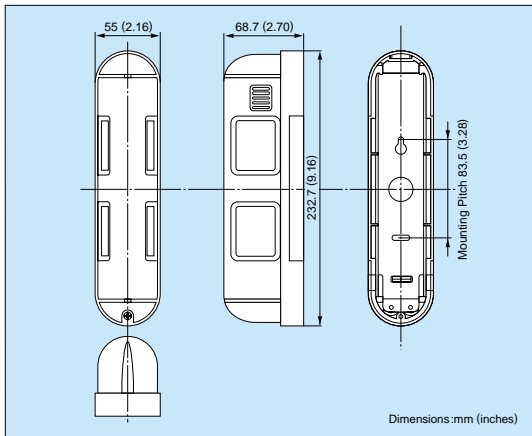
The BX-80N creates a multi-layered, horizontal barrier that detects intruders and sounds the alarm before they actually break in. Just one BX-80N can protect a long area, because it is installed in the centre of the detection area and protects both sides. BoundaryGard™ makes you feel secure in knowing your building is well guarded.



BOUNDARY GARD™ BX-80N



DIMENSIONS



SPECIFICATIONS

| Model | BX-80N |
|-----------------------------------|--|
| Detection Method | Passive Infrared |
| Coverage | 24m (80ft) (12m [40ft] on each side) |
| Detection Zones | 4 zones (2 zones on each side) |
| Sensitivity | 1.6°C (3°F) at 0.6m/sec. (2ft/sec.) |
| Detectable Speed | 0.3 ~ 1.5m/sec. (1 ~ 5ft/sec.) |
| Power Input | 10 ~ 28VDC |
| Current Draw | Normal ** mA Max. ** mA |
| Alarm Period | 2.0 ± 1.0 sec. |
| Relay Output | 2 Relay Outputs N.O. and N.C. 28 VDC 0.2A (Max.) each |
| Tamper Switch | N.C. Opens when cover removed |
| Pulse Count | TEST or 2 |
| Warm-up Period | Approx. 45 sec. (LED blinks) |
| Volume of Audible Alarm Indicator | **dB (at 1 metre distance) |
| LED Indicator | LED is blinking during warm-up period, Alarm condition |
| Operating Temperature | -20°C ~ +50°C (-4°F ~ +122°F) |
| Environment Humidity | 95% (Max.) |
| RF Interference | No Alarm **V/m |
| Mounting | Wall (Indoor/Outdoor) |
| Mounting Height | 0.8 ~ 1.2m (2.7 ~ 4ft) |
| Weight | ***g (**oz) |
| IP Rating | IP55 |
| Accessories | M4 Mount screws x 20 x 2 |

FEATURES

■ 24m-Long Range Detection

Optex's advanced PIR technology creates a narrow, 24m-long detection area that protects wide horizontal areas, such as a building's perimeter.

● Limited Detection Range Function

The detection range of the BX-80N can be adjusted to avoid detecting unwanted objects.

● Size-Judging Function

The BX-80N has a Layered Detection Pattern that discriminates between large and small objects in the detection area. Only when both the upper and lower detection layers detect movement, does the BX-80N generate an alarm.

■ Easy Installation

Convenient and simple to install, the BX-80N is mounted in the centre of the detection area and protects both sides. Since there's no need to align transmitters and receivers, one person can install the BX-80N quickly and easily.

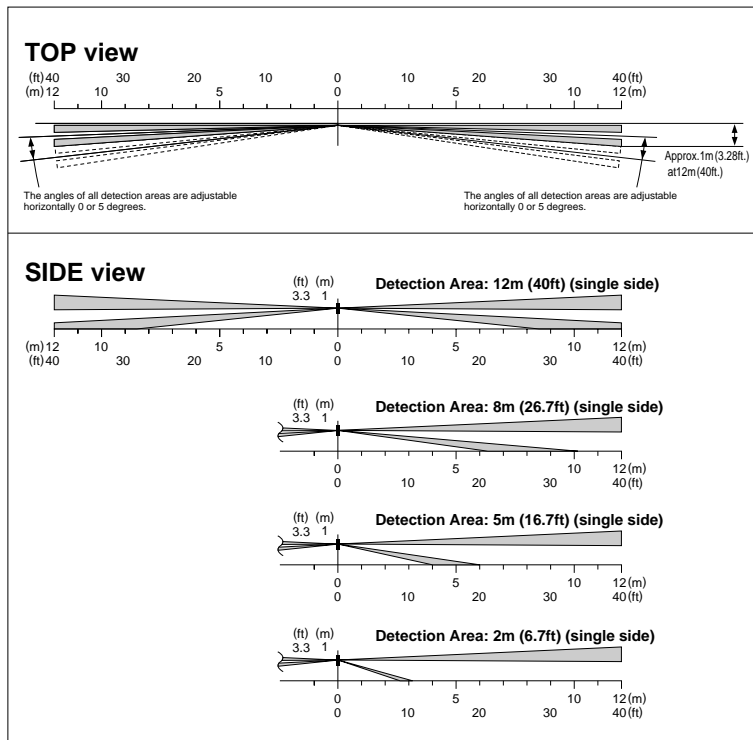
■ Alarm Indicator

An audible alarm indicator on the BX-80N deters would-be intruders from continuing their break-in attempt.

■ Attractive Slender Design

Its smart, stylish design blends in well with any type of architecture.

DETECTION PATTERNS



OPTIONS

■ METAL GUARD : MG-1

Helps to protect the unit from tampering or vandalism.

* Specifications and design are subject to change without prior notice.

NOTE: This unit is designed to detect an intruder and activate an alarm control panel. Being only a part of a complete system, we cannot assume responsibility for theft or damages, should it occur.

