

BX 80 Outdoor Passive

The BX-80N has long, narrow detection areas that extend from both its sides. It is specifically designed to be wall-mounted centrally on a building, covering the building perimeter with a multi-layered, horizontal barrier that detects intruders, before they break in, and alerts a CCTV system to the event. To help to reduce false activations the detection range can be adjusted so that detection extends only to the end of the building and the unit also has a size-judging function that helps discriminate between large and small objects within the detection area.

The unit is stylishly designed to blend in with any architecture and is simple to install and set up - there being no need to align transmitters and receivers.

Features

- Variable detection range up to 24m (12m on each side)
- Size-judging function to avoid false alarms
- Audible alarm indicator to deter intruders
- Attractive, slender design
- 100% factory-tested for reliability

Coverage

- 24m (12m on each side)

Accessories

- MG-1 - Metal guard helps to protect the unit from tampering and vandalism



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 center of the detection area and protects on both sides. Makes you feel secure in knowing your building is well guarded.

80ft.-Long Range Detection

Optex's advanced PIR technology creates a narrow, 80ft.-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 center 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.



Model	BX-80N
Detection Method	Passive Infrared
Coverage	(24m) 12m on each side
Detection Zone's	4 Zone's (2 Zone's on each side)
Sensitivity	(1.6°C) at 0.6m/sec
Detectable Speed	0.3-1.5m/sec
Power Input	10-28VDC
Current Draw Normal	28mA Max 38mA
Alarm Period	2.0 ± 1.0sec
Relay Output	2 Relay outputs N.O and N.C 28VDC0.2A (Max) each
Tamper switch	On Or Off
Warm-up Period	Approx 45 Sec Led Blinks
Volume of Audible alarm indicator	Approx 70dB (at 1 meter distance)
LED indicator	LED is blinking during warm-up period, Alarm Condition
Operating Temperature	-20°C - +50°C
Environment Humidity	95% Max
RF Interference	No Alarm 20V/m
Mounting	(Indoor/Outdoor)
Mounting Height	0.8 – 1.2m
Weight	400g
IP Rating	IP55
Accessories	M4 Mount screws x 20 x 2