## ロРТЕХ

## boumparar (Gano BX-80N



Outdoor PIR Protection that covers a building's perimeter: the BX-80N's long, narrow detection area comes from the center 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 center of the detection area and protects on both sides. BOUNDARYGARD"' makes you feel secure in knowing your
 building is well guarded.

BOUNDARY UARD ${ }^{\text {TM }}$ BX-80N


## DIMENSIONS



## SPECIFICATIONS

| Model | BX-80N |
| :---: | :---: |
| Detection Method | Passive Infrared |
| Coverage | $80 \mathrm{ft} \mathrm{(24m)} \mathrm{(40ft} \mathrm{[12m]} \mathrm{on} \mathrm{each} \mathrm{side)}$ |
| Detection Zones | 4 zones (2 zones on each side) |
| Sensitivity | $3^{\circ} \mathrm{F}\left(1.6{ }^{\circ} \mathrm{C}\right)$ at $2 \mathrm{ft} / \mathrm{sec}$. ( $0.6 \mathrm{~m} / \mathrm{sec}$.) |
| Detectable Speed | $1 \sim 5 \mathrm{ft} / \mathrm{sec}$. ( $0.3 \sim 1.5 \mathrm{~m} / \mathrm{sec}$. |
| Power Input | 10 ~ 28VDC |
| Current Draw | Normal 28mA Max. 38mA |
| Alarm Period | $2.0 \pm 1.0 \mathrm{sec}$. |
| Relay Output | 2 Relay Outputs N.O. and N.C. 28 VDC 0.2A (Max.) each |
| Tamper Switch | N.C. Opens when cover removed |
| Test Mode | 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 | $-4^{\circ} \mathrm{F} \sim+122^{\circ} \mathrm{F}\left(-20^{\circ} \mathrm{C} \sim+50^{\circ} \mathrm{C}\right)$ |
| Environment Humidity | 95\% (Max.) |
| RF Interference | No Alarm 20V/m |
| Mounting | Wall (Indoor/Outdoor) |
| Mounting Height | $2.7 \sim 4 \mathrm{ft} \mathrm{(0.8} \mathrm{~} \mathrm{1.2m)}$ |
| Weight | 14oz (400g) |
| IP Rating | IP55 |
| Accessories | M4 Mount screws $\times 20 \times 2$ |

## FEATURES

## 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 $\mathrm{BX}-80 \mathrm{~N}$ 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.

## DETECTION PATTERNS



## OPTIONS

## METAL GUARD : MG-1

Helps to protect the unit from tampering or vandalism.

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## ロPTEX



OPTEX CO., LTD. (ISO 9001 Certified by LRQA)


[^0]:    * 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.

