OPTEX

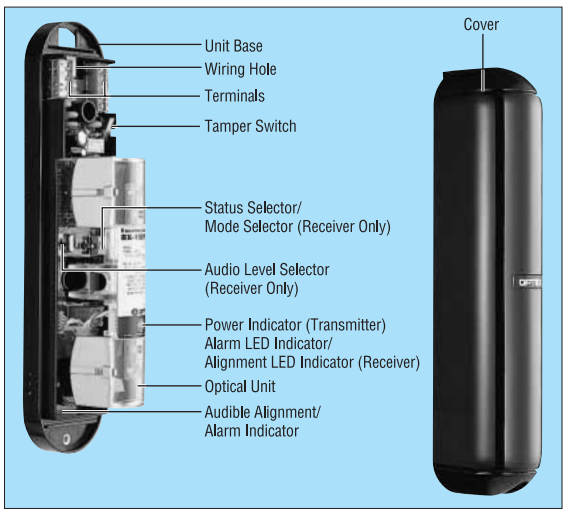
BOUNDARY GARD™ BX-100PLUS



Alarm before burglar breaks-in!

Optex presents a new concept, BOUNDARY GARD™, which offers more reliable protection and security options. Especially, this is designed to protect the immediate perimeter of the building. Windows and roll-up doors have been secured only by magnetic contacts or glass break detectors so far. Now, BOUNDARY GARD™ protects a building's exterior by detecting intruders before entry is attempted and can also provide a deterrent with a sounder before the break-in occurs.

BOUNDARY GARD™
BX-100PLUS



FEATURES

■ FULL TIME (NO/NC) RELAYS
Separate Form A and Form B relays can be used for Security and other functions. Local alarm, annunciation and automation can work simultaneously.

■ ATTRACTIVE, SLENDER DESIGN
A smaller design and optional white, paintable cover will allow the unit to harmonize with any type of architecture.

■ EASY ALIGNMENT WITH VISUAL AND AUDIBLE INDICATOR
No vertical adjustment is necessary in this detector.
A sounder activates and LED comes on when the sensor is miss-aligned and shuts off when aligned. This will assist you in the alignment process. Also, the Audible Alignment/Alarm Indicator can be used as a deterrent to intruders. This option can be turned on or off with a switch inside the detector.

■ LIGHT REDUCTION FILTER
Increases the units resistance to external light sources making it more reliable and also less likely to be defeated by alternative light sources.

■ MAX 99 PERCENT BEAM BLOCKAGE
It will increase the units resistance to false alarms caused by environmental disturbance such as fog in the condition the beam alignment status achieves the highest level.

APPLICATIONS

SHOP



OFFICE



RESIDENCE



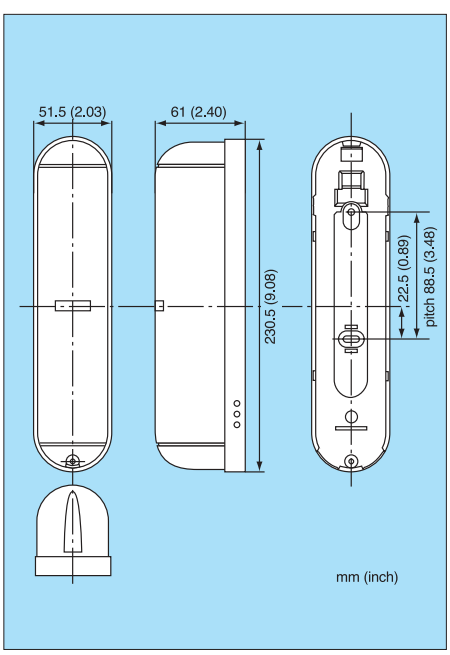
WAREHOUSE



SPECIFICATIONS

Model	BX-100PLUS
Coverage	Outdoor : 30 m (100 ft.) Indoor : 60 m (200 ft.)
Maximum Arrival Distance	300 m (1,000 ft.)
Detection Method	Simultaneous interruption of 2 infrared beams
Beam Characteristics	Pulsed Infrared
Interruption Period	50 msec
Power Supply	10.5 ~ 28V DC
Current Consumption	55mA (Stand by) / 75mA (Max)
Alarm Period	2 ± 1 sec (Delay)
Relay Output	2 relay outputs N.O. and N.C. 28VDC 0.2A (Max) each
Beeping Period	15 ± 1 sec (Delay)
Volume of Audible Alarm Indicator	Approx. 70 dB (at 1 meter distance)
Tamper	N.C. opens when cover is removed
Operating Temperature	-35˚C ~ 55˚C (-30˚F ~ 131˚F)
Operating Humidity	95% (Max)
Alignment Angle	±92° Horizontal
Mounting	Wall (indoor/outdoor)
Weight	400 g (14.1 oz)
IP rating	IP 54
Accessories	Self Tapping Screws x 4 Wiring Sponges x 2

DIMENSIONS

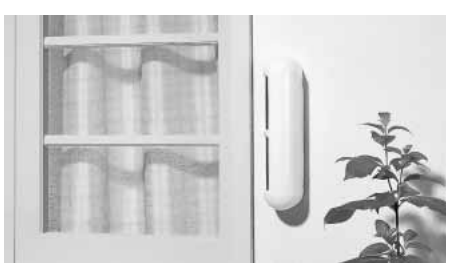


OPTIONS

■ SPACER : SP-1
For use when height adjustment of the unit is required.

■ METAL GUARD : MG-1
Helps to protect the unit from tampering or vandalism.

■ WHITE DECORATIVE COVER : WC-1
Allows the unit to harmonize with various types of architecture. Hood is included which can be fixed to this cover for rain and frost proof.



* 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.

OPTEX

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