

BX SERIES

PHOTOELECTRIC DETECTORS/OUTDOOR

BX-100 PLUS

The BX-100 PLUS consists of a pair of small, discreet dual-infrared beams designed to protect the immediate perimeter of a building. The beams are particularly useful in providing coverage for windows, doors and roller shutter doors and can be used to activate an intruder alarm system, lights or CCTV before a break-in occurs, minimizing damage to property and risk to on-site personnel.

FEATURES

- Dual IR Pulsed Beam System
- Internal Sounder
- Easy alignment with Visual and Audible Indicator
- Light Reduction Filter
- 99% Beam Blocking Stability
- N.O. and N.C. Relay outputs
- Active Infrared Technology
- Slim design

OPTIONS

- BX-100 Plus Standard Model

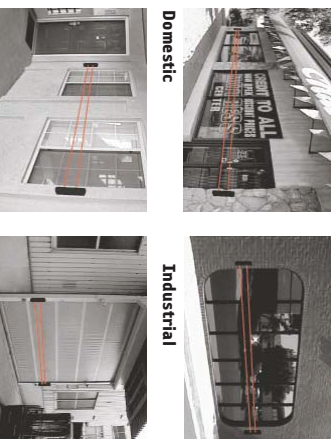
RANGES	
BX-100 PLUS	
Indoors	Outdoors
200ft (60m)	100ft (30m)

ACCESSORIES

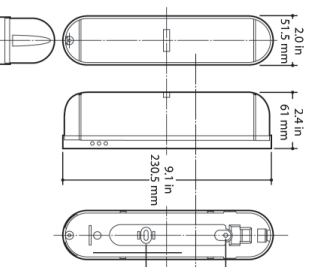
- SP-1 Spacer unit
- MG-1 Vandal and Tamper Resistant Metal Guard
- WC-1 White decorative cover

APPLICATIONS

Retail Business



DIMENSIONS



SPECIFICATIONS

POWER INPUT	CURRENT DRAW	OPERATING TEMPERATURES	WEIGHT	ALARM OUTPUT	TAMPER
10.5 - 20V DC	55mA (max/typ)	-31°F (-35°C) - 139°F (+55°C)	14oz (40g)	2 X Relay N.O. & N.C.	N.C. open when cover is removed Wall Mount

REDNET SERIES

PHOTOELECTRIC DETECTORS/OUTDOOR

RNA/10-25 / 25-75 / 75-150

The Rednet® Series of photobeams is a series of active infrared detectors designed to combine high levels of intruder detection with a low potential for false activation.

The system utilizes the infrared transmission to synchronize transmitters and receivers and removes the need for hardware synchronization cables between towers.

The RNA system feature four high power transmitters and four receivers. Uniquely, each transmitter operates to all receivers and all receivers are operated by all transmitters. This combination creates a sixteen beam path net!

SYSTEM DESIGN

The Rednet® system is simple to design and install as it is modular and has just five main components.

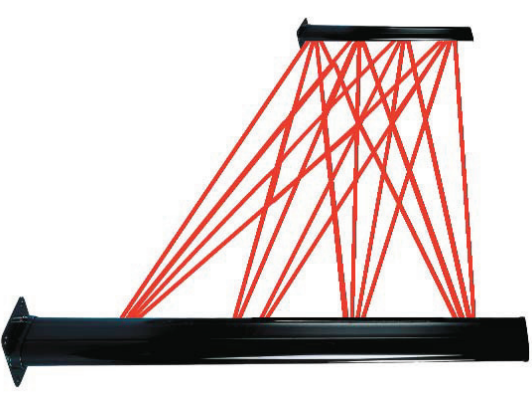
To design a system, simply decide where the towers are to be positioned and measure the distance between these points. Choose the wall or free-standing towers and select the correct beam set for the distances between them. Each unit comes complete with all necessary hardware including heaters, thermostats, and alignment aids.

BEAM HEAD

The Rednet® beam head contains a folded optical array to combine a long focal length with small head size. This creates narrow transmission and receiving angles to maximize performance. The heads also contain their own heater to ensure that the maximum amount of energy is directed to the section of the tower the beams operate in.

FEATURES

- External detection up to 495 ft (150m)
- Sixteen Active Beams
- Field Adjustable Detection Levels
- Environment disqualification circuit
- Graded Alarm Response
- Modular System Design



RNA BEAM SETS INCLUDE

- Integral head Heaters & Thermostats
- Four Transmitters pre-wired to transmitter controller
- Four Receivers pre-wired to receiver controller
- Alignment light/viewer
- Blanking plates
- Tamper Switch and Mounting Hardware

MODELS/RANGES

Model	Distance	
RNA/10-25	30' - 80'	10m - 25m
RNA/25-75	80' - 245'	25m - 75m
RNA/75-150	245' - 495'	75m - 150m

SPECIFICATIONS

POWER INPUT	CURRENT DRAW	OPERATING TEMPERATURES	ALARM OUTPUT	TAMPER
11-16V DC	70mA per set	-13°F (-25°C) - 140°F (+40°C)	Form C Relay 1A @ 24VDC	Form C Microswitch