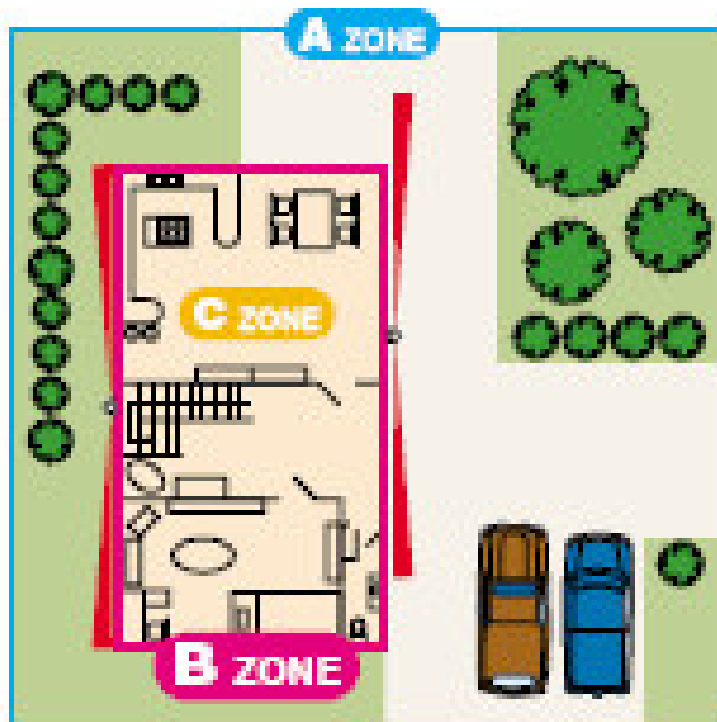


# Stationary TI-BCS BG-24 Subsystem

## ALARM WARNING BEFORE A TRESPASER BREAKS IN

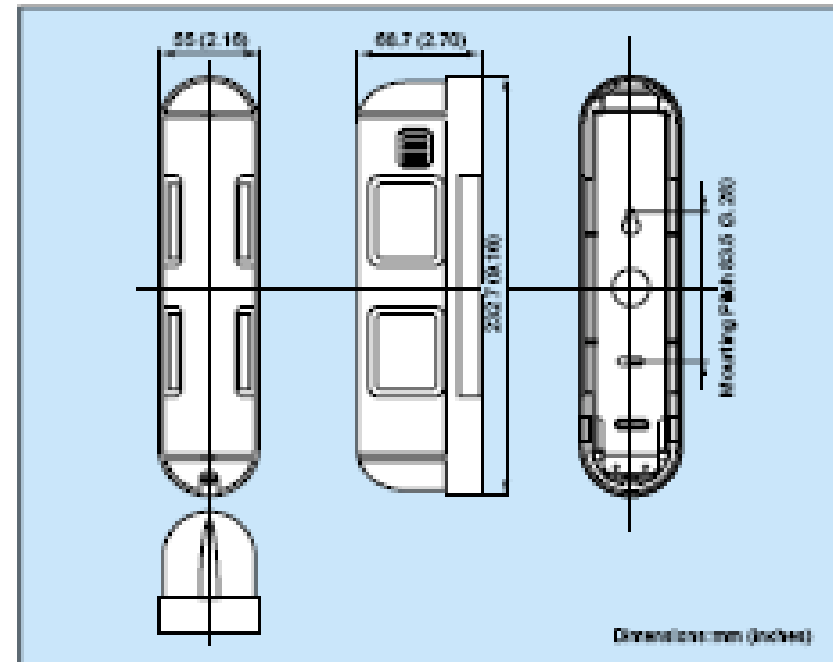
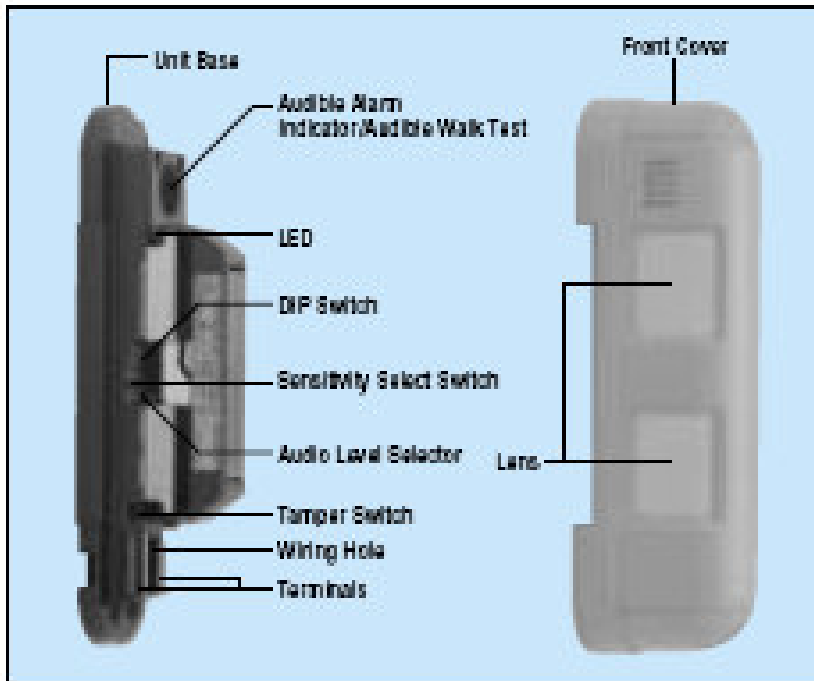
- The BG-24 creates a multi-layered, horizontal barrier that detects intruders and sounds the alarm before they actually break in.
- Just one BG-24 can protect a long area, because it is installed in the centre of the detection area and protects both sides. TI-BCS makes you feel secure in knowing your building is well guarded.



# FEATURES

- **24m-Long Range Detection**
- 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 BG-24 can be adjusted to avoid detecting unwanted objects.
- **Size-Judging Function**
- The BG-24 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 BG-24 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 BG-24 quickly and easily.
- **Alarm Indicator**
- An audible alarm indicator on the BG-24 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.

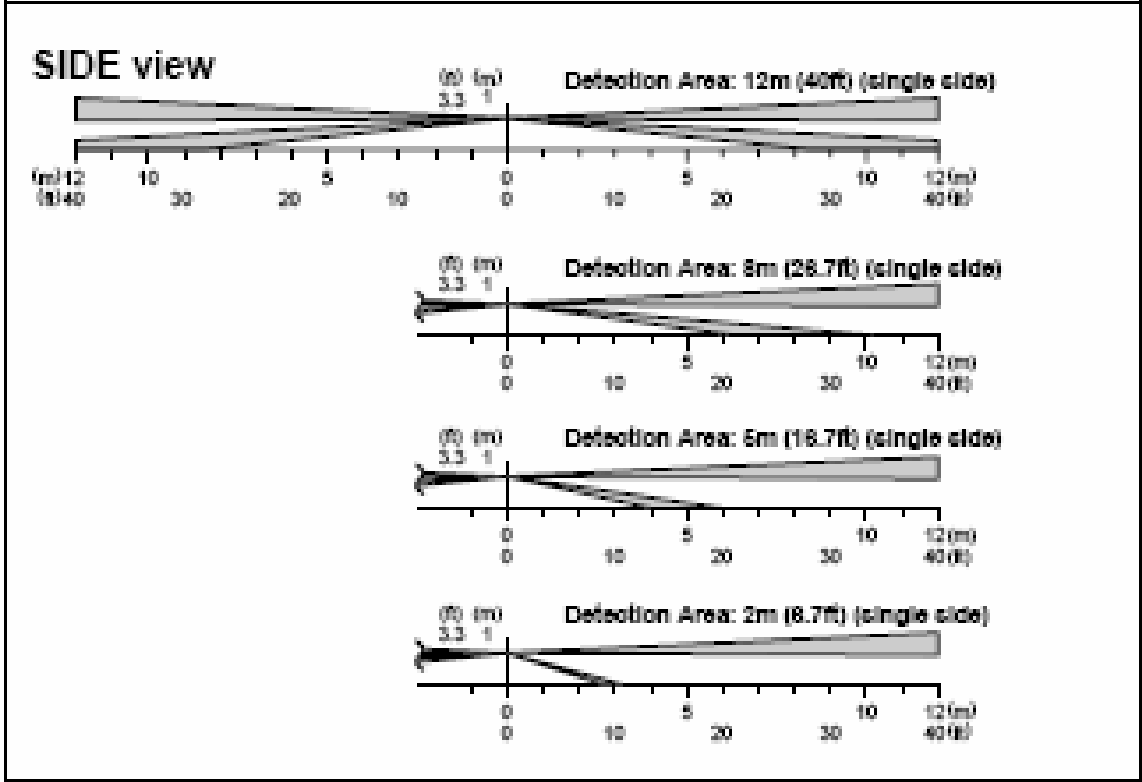
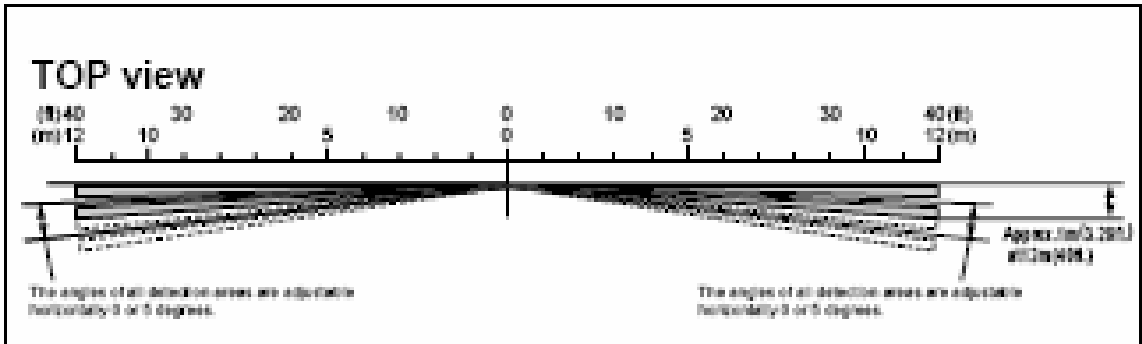
## Mounting and Dimensions



- It is possible to install metal housing that helps to protect the unit from tampering or vandalism.
- Specifications and design are subject to change without prior notice.
- This unit is designed to detect an intruder and activate an alarm control panel. Being only a part of a complete system TI-BCS

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

# DETECTION PATTERNS



THANK YOU!