NOTE:
These units are designed to detect an intruder and activate an alarm control panel. Being only a part of a complete system, we cannot accept responsibility for any damages or other consequences resulting from an intrusion. These products conform to the EMC Directive 2004/108/EC.

SPACIOUS BACK BOX
The following figure shows the dimensions of the wireless transmitter installation space in the back box. Note that transmitters with dimensions greater than those are not applicable.

OPTIONS
Main unit mounting bracket
Tamper Bushing

MP-4 : Main unit mounting bracket set (for tower mounting)
No. 75116-00-15747-0904

Specifications and design are subject to change without prior notice.
* The value is based on the condition that it is used within the ambient temperature range of 20 to 25°C.

DIMENSIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>AX-100TFR</th>
<th>AX-200TFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Range</td>
<td>30m (100ft.)</td>
<td>60m (200ft.)</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>0°C to 50°C</td>
<td>0°C to 50°C</td>
</tr>
<tr>
<td>Alarm output</td>
<td>Form C : Solid State Switch</td>
<td>Form C : Solid State Switch</td>
</tr>
<tr>
<td>Tamper output (Front cover)</td>
<td>Form C : 3.6 VDC, 3.0mA</td>
<td>Form C : 3.6 VDC, 3.0mA</td>
</tr>
<tr>
<td>Tamper output (Back box)</td>
<td>Form C : 3.6 VDC, 3.0mA</td>
<td>Form C : 3.6 VDC, 3.0mA</td>
</tr>
<tr>
<td>Power</td>
<td>3.6V 13.0Ah : LSH20 lithium batteries</td>
<td>3.6V 13.0Ah : LSH20 lithium batteries</td>
</tr>
<tr>
<td>Power (Transmitted)</td>
<td>Power Off : Off</td>
<td>Power Off : Off</td>
</tr>
<tr>
<td>Power (Receiver)</td>
<td>Power Off : Off</td>
<td>Power Off : Off</td>
</tr>
<tr>
<td>Voltage Reduction : 2 sec (±1) nominal</td>
<td>Voltage Reduction : 2 sec (±1) nominal</td>
<td></td>
</tr>
<tr>
<td>Operating ambient humidity</td>
<td>95% (Max.)</td>
<td>95% (Max.)</td>
</tr>
<tr>
<td>Alignment angle</td>
<td>±3° Horizontal, ±1° Vertical</td>
<td>±3° Horizontal, ±1° Vertical</td>
</tr>
<tr>
<td>Mounting</td>
<td>Indoor/Outdoor, Wall/Pole/Tower mounting</td>
<td>Indoor/Outdoor, Wall/Pole/Tower mounting</td>
</tr>
<tr>
<td>Weight</td>
<td>1600g (56.5oz)</td>
<td>1600g (56.5oz)</td>
</tr>
<tr>
<td>International protection</td>
<td>IP55</td>
<td>IP55</td>
</tr>
</tbody>
</table>

Specifications and design are subject to change without prior notice.
The AX-100/200TFR is a REVOLUTION in the perimeter security industry, offering a significant cost saving alternative to a traditional hardwired system.

### Advantage of Wireless Photoelectric Detector

1. **Low installation costs**
2. **Quick & easy installation**
3. **Flexible location**
4. **Wireless stylish design**
5. **Free from lightning damage**
6. **Compatible with numerous wireless transmitters**

### New features

- **Long battery life**
  - AX-100TFR (30m): Approx. **5 years**
  - AX-200TFR (60m): Approx. **3 years**
- **Multi functional back box**
- **Easy battery replacement**
- **Triple tamper functions**
- **Intermittent output function**
- **Battery saving timer**
  - Alarm output activation are limited by a timer to 2 minutes. Even if there are continuous alarm events, the alarm output operates only once in the timer period. It prolongs the battery life of a wireless transmitter.

### Various mounting patterns

- **Wall mount**
- **Pole mount (single detector)**
- **Pole mount (two detectors)**
- **Beam tower**

### Battery saving timer

- **99% Beam blocking stability**
- **4 selectable beam frequencies**
- **O.C./N.O. output selection switch**
- **A.G.C., A.G.D. circuit**
- **International protection IP55**
- **Beam interposition adjustment function**
- **High grade aspherical lens**
- **Easy angle adjustment function**

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**Optional bracket (MP-4) required**