The TSA AM270 is a remote alarms monitor used with Rapiscan radiation detection
pedestrian and vehicle portal monitors. The AM270 provides both audible and visual alarm
indications for radiation alarms, low and high background alarms, and tamper conditions.
Parallel relay outputs are provided to permit interfacing with existing alarm systems.
The AM270 may be located up to 650 ft (200 m) from the farthest pillar to be monitored. 
A test button is provided to check the operation of the lamp(s) and audio circuits. An
acknowledge button silences the audio and clears the lamp(s). If the alarm is not
acknowledged, the lamp(s) will follow the system’s status.
The AM270 operates from an internal battery which is continuously charged from the ac line. 
If ac power is lost, the battery will provide more than 24 hours of continued operation.

### Controls and Indicators:
- Four lamps per pillar
- Power LED
- SONALERT audio annunciator
- Internal jumper selects either blinking or steady lamps
- Lamp test and alarm acknowledge switches
- Key switch is provided to disable the audio alarm

### Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Display</td>
<td>4 alarm indicator lamps (LEDs) per pillar being monitored; one systems ready LED, one power on LED</td>
</tr>
<tr>
<td>Power Requirements</td>
<td>90 - 250 Vac, 47 - 63 Hz, less than 50 VA provides power to charge the internal, 12 volt, 7Ah sealed lead-acid battery pack</td>
</tr>
<tr>
<td>Battery Operation</td>
<td>More than 24 hours of normal operation</td>
</tr>
<tr>
<td>Dimensions</td>
<td>7.5 h x 8.375 w x 8 d in. (19 x 21.3 x 20.3c m)</td>
</tr>
<tr>
<td>Weight</td>
<td>≈ 15 lb (6.8 kg)</td>
</tr>
<tr>
<td>Environmental</td>
<td>-30° to 120°F (-34° to 50°C), designed for use in a sheltered area</td>
</tr>
</tbody>
</table>

### Features

- Controls
  - Momentary contact alarm acknowledge switch, key lock switch, and lamp test switch
- Connections
  - Power: Standard, three pin, U.S. 115Vac power connector
  - Input: One 4 pin, quick connect type terminal strip per system
  - Output: One 12 pin, quick connect type terminal strip
- Output Relay Contacts
  - Maximum 0.6 amp at 120Vac

### Markets
- Aviation
- Critical Infrastructure
- Customs and Border Control
- Event Security
- Law Enforcement
- Defense