LZR-130/S600 Parameters

# of Active Detection Curtains

<table>
<thead>
<tr>
<th>CURTAIN</th>
<th>C1</th>
<th>C2</th>
<th>C3</th>
<th>C4</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>1</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

Output Configuration

- **R1**: A = NO, P = NC, P = NC, A = NO
- **R2**: P = NC, A = NO, P = NC, A = NO

Example Configurations

- **1-2-3-1**: C1 + C2 are active on safety field, C3 + C4 are active on optional field
- **1-2-2-1**: C1 + C2 are active on both fields, C4 + C3 are active on safety field
- **1-2-2-2**: All curtains are active on both fields

Mounting Side

<table>
<thead>
<tr>
<th>MOUNTING SIDE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>left</td>
</tr>
</tbody>
</table>

Uncovered Zone

- **F2**: 0 | 1 | 2 | 3 | 4 |
- 2in | 4in | 6in | 8in | 10in

Increasing in case of snow, dead leaves, etc.

Output Activation Delay

- **D**: 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
- OFF | 100ms | 200ms | 300ms | 400ms | 500ms | 600ms | 700ms | 800ms | 900ms

The relays are triggered when the detection duration is the selected time.

Immunity Filter

- **1**: indoor | outdoor low | outdoor med | outdoor high
- **2**: indoor | outdoor low | outdoor med | outdoor high

For critical environments (rain, snow, fog)

For critical objects (black cars)

Minimum Object Size

- **0**: OFF | 1 | 2 | 3 | 4 |
- 3in | 4in | 6in | 8in

LZR Tips

- **THE LZR-130 Requires 10-35 V Clean DC Power (Non-Rectified)**
- **After 30 Minutes, the Sensor Locks Access to the Remote Control Session. Power Cycle the Sensor to Reconfigure.**
- **A BEA Universal Remote is Required to Configure the LZR-130.**
**MICROWAVE PARAMETERS**

- **SENSITIVITY**  
  - XXS  
  - XS  
  - S  
  - >  
  - >  
  - >  
  - L  
  - XL  
  - XXL

- **ACTIVATION RELAY HOLD TIME**  
  - 0.5s  
  - 1s  
  - 2s  
  - 3s  
  - 4s  
  - 5s  
  - 6s  
  - 7s  
  - 8s  
  - 9s

- **DETECTION MODE**  
  - bi  
  - uni  
  - uni dept

- **REJECTION MODE**  
  - 1  
  - 2  
  - 3  
  - 4  
  - 5  
  - 6

**NOTES FACTORY DEFAULTS**

1: DETECTION OF ALL KINDS OF TARGETS IN MOTION  
2: DETECTION OF ALL KINDS OF TARGETS IN MOTION + INTERFERENCE IMMUNITY  
3: LOW PEDESTRIAN/PARALLEL TRAFFIC REJECTION + INTERFERENCE IMMUNITY  
4: MEDIUM PEDESTRIAN/PARALLEL TRAFFIC REJECTION + INTERFERENCE IMMUNITY  
5: HIGH PEDESTRIAN/PARALLEL TRAFFIC REJECTION + INTERFERENCE IMMUNITY  
6: HIGHEST PEDESTRIAN/PARALLEL TRAFFIC REJECTION + INTERFERENCE IMMUNITY

**LEARN TIME EXPLANATION**

IF AN OBJECT IS IN THE PRESENCE DETECTION FIELD AND REMAINS MOTIONLESS FOR LONGER THAN THE PROGRAMMED LEARN TIME, THE SENSOR WILL ACCEPT THE OBJECT AS PART OF ITS BACKGROUND/REFERENCE POINT AND WILL DROP THE DETECTION SIGNAL.  
**∞** WILL NEVER LEARN A NEW BACKGROUND

**UNIVERSAL REMOTE CONTROL TIPS**

- TO CHANGE OR QUESTION A PARAMETER, START BY PRESSING THE AND FINISH THE SESSION BY PRESSING 0 0

- TO QUESTION A PARAMETER, PRESS 7 AFTER UNLOCKING AND CHOOSING A PARAMETER. COUNT THE LED FLASHES.

- CONSIDER USING AN ACCESS CODE TO SET AN ACCESS CODE: 0 0 0 0 0 0 0 0 0 0

- TO DELETE AN ACCESS CODE: 0 0 0 0 0 0 0 0 0 0

- RELAY CONFIGURATION: 1 4

- FACTORY DEFAULTS: 0 0

- ALWAYS FINISH AN ADJUSTMENT SESSION BY LAUNCHING A SETUP: 1 0

**FALCON & IS40 SERIES**

- FREQUENCY
- IR IMMUNITY
- AUTOMATIC LEARN TIME
- IR PATTERN SIZE
- IR TARGET SIZE

**GENERAL TECH QUESTIONS:**
Tech_Services@beainc.com | TechDocs: www.beasensors.com

**REMOTE CONTROL INDUSTRIAL**

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