The IS-SS-2RA-R is a stainless steel flush mount door station with standard and emergency call buttons. The unit is equipped with ADA compliant lettering and Braille signage for both the standard and emergency buttons. A call status indicator is included to meet ADA rescue assistance requirements. The IS-SS-2RA-R must be programmed as an audio door station and can connect to any control unit in the IS system (IS-CCU, IS-SCU, or IS-RCU).

### Names & Functions:

1. Microphone
2. Speaker
3. Name Placard
4. Call status indicator
5. Signage with Braille
6. Call button
7. Emergency button

### Features:

- Audio communication with calling area
- Two call buttons: Standard and Emergency
- ADA compliant lettering and Braille signage
- LED call status indicator
- Red mushroom button for emergency call
- Two programmable relay outputs for activation of external systems/devices
- Name placard
- Stainless steel faceplate with tamper resistant screws

### Package Contents:

- Vandal-resistant Door Station
- Semi-flush backbox & tamper-resistant screws
- Security Driver
- Blank name placard
- 2-pin connector for external reset

### Installation:

- For flush mounting, cut a hole in the wall and use supplied back box. Box dimensions are: 10-1/2” H x 5-15/16” W x 1-3/4” D
- For surface mounting, use the SBX-IDVFRA surface mount box. This box can mount to a standard 1-gang box or to any flat surface.
WIRING DIAGRAM:

IS-SS-2RA-R

IS-MV

IS-CCU

IS-PU-UL

N/O Dry Contact
24V AC/DC 500mA

* IS-SS-2RA-R can connect to any control unit (IS-CCU, IS-SCU, IS-RCU) Station must be programmed as an audio only station.

RELAY BOARD WIRING AND SETTINGS:

Default Configuration when shipped
Relay 1 triggers on normal call, emergency call, and communication. Relay 1 remains on during communication. Relay 2 triggers on emergency call and remains on during communication.

<table>
<thead>
<tr>
<th>Trigger Source</th>
<th>RY1 Triggered?</th>
<th>RY1 Remains ON During Talking?</th>
<th>RY2 Triggered?</th>
<th>RY2 Remains ON During Talking?</th>
<th>RY2 Requires Reset?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Normal Call</td>
<td>YES</td>
<td>YES</td>
<td>NO</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Emergency Call</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Talking</td>
<td>YES</td>
<td>YES</td>
<td>NO</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Door Release</td>
<td>NO</td>
<td>N/A</td>
<td>NO</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Optional Configuration
Relay 1 triggers on normal call, emergency call, and communication. Relay 1 remains on during communication. Relay 2 triggers on an emergency call and remains on during communication. Relay 2 requires reset.

<table>
<thead>
<tr>
<th>Trigger Source</th>
<th>RY1 Triggered?</th>
<th>RY1 Remains ON During Talking?</th>
<th>RY2 Triggered?</th>
<th>RY2 Remains ON During Talking?</th>
<th>RY2 Requires Reset?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Normal Call</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES**</td>
</tr>
<tr>
<td>Emergency Call</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES**</td>
</tr>
<tr>
<td>Talking</td>
<td>YES</td>
<td>YES</td>
<td>NO</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Door Release</td>
<td>NO</td>
<td>N/A</td>
<td>NO</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Contact Technical Support if additional switch configurations are required.

SPECIFICATIONS:

Terminations: RJ45 jack for audio
Screw terminals for door release and relay outputs

Relay rating: 24V AC/DC 500mA on Door station, 24V AC/DC 1.0A on relay board

Operating Temp: 14° ~ 140°F /-10° ~ 60°C

Wiring Distance: 980’ with Cat-5e/6 cable

Dimensions: 11-¾” H x 7” W
w/SBX-IDVFRA: 11-3/16” H x 7-7/16” W x 3-5/16” D (top), 2-5/16” D (bottom)

FCC WARNING:
This device complies with Part 15 of the FCC rules.

Operation is subject to the following two conditions:
(1) This device may not cause harmful interference.
(2) This device must accept any interference that may cause undesired operation.

- For proper regulatory compliance, the drain wire should be disconnected at the power supply end of the cable.
- Changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.