The IS-SS-RA is a stainless steel flush mount door station with an emergency call button. The unit is equipped with ADA compliant lettering and Braille signage for the emergency button. A call status indicator is included to meet ADA rescue assistance requirements. The IS-SS-RA must be programmed as a video door station and must connect to the IS-CCU or IS-SCU control units.

**NAMES & FUNCTIONS:**

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

**FEATURES:**

- Audio communication with calling area  
- Emergency call button  
- ADA compliant lettering and Braille signage  
- LED call status indicator  
- CCTV input (Analog NTSC 1Vpp)  
- Two programmable relay outputs for activation of external systems/devices  
- Name placard  
- Stainless steel faceplate with tamper resistant screws

**INSTALLATION:**

- For flush mounting, cut a hole in the wall and use supplied back box. Box dimensions are: 11-1/16” H x 5-7/8” W x 1-3/4” D  
- For surface mounting, use the SBX-ISDVFRA surface mount box. This box can mount to a standard 1-gang box or to any flat surface.
Aiphone Corporation
1700 130th AVE NE * Bellevue, WA 98005
Ph: (800) 692-0200 * Fax: (425) 455-0071
tech@aiphone.com

TOLL FREE TECHNICAL SUPPORT:
(800) 692-0200
E-MAIL: tech@aiphone.com

WIRING DIAGRAM:

IS-SS-RA

IS-MV

IS-CCU

IS-PU-UL

Door Release
Contact 0.5 Amp

* Connect to the IS-CCU or IS-SCU and program as a video door station, even if no CCTV camera is connected. If a CCTV camera is not connected, the video screen on the IS-MV will illuminate during communication with station. This is not a malfunction. Aiphone recommends the IS-SS-RA-R station be used if no CCTV camera input is required.

RELAY BOARD WIRING AND SETTINGS:

CCTV Input
CCTV Output
4-pin connector

Configuration Switch
See Settings to right

*750 termination
for CCTV output

Relay 1 Output
N/O, COM, N/C

Relay 2 Output
N/O, COM, N/C

2-pin connector

**Relay 2 External Reset
Connect to N/O dry switch

SPECIFICATIONS:

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

Relay rating: 24V AC/DC 0.5A on Door station, 24V AC/DC 1.0A on relay board

Camera Input: Analog NTSC 1Vpp

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

Wiring Distance: 980’ with Cat5e/6 cable

Dimensions: 11-3/4" H x 7" W
w/SBX-ISDVFRA: 11-11/16" H x 7-1/16" W x 2-13/16" D (top), 1-13/16" 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.

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Pg. 2
IS-SS-RA Instr.
0413JD