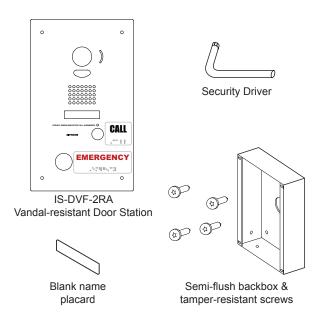# AIPHONE®

IS-DVF-2RA

Stainless Steel Flush Mount Video Door Station with Standard & Emergency Call Buttons

-INSTRUCTIONS-

The IS-DVF-2RA is a stainless steel flush mount video 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-DVF-2RA must connect to the IS-CCU or IS-SCU control units.

IS-DVF-2RA

NAMES & FUNCTIONS:

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

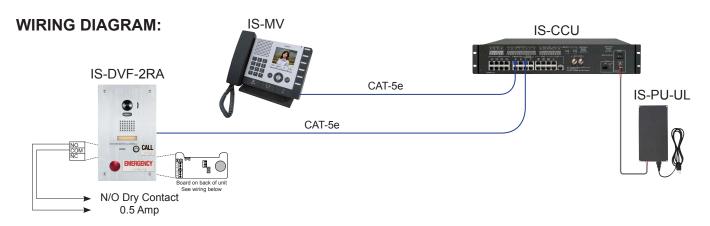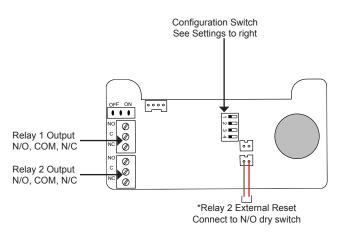## FEATURES:

- Audio communication with visual indentification of calling area
- Two call buttons: Standard and Emergency
- ADA compliant lettering and Braille signage
- LED call status indicator
- CCTV input
- 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:

Security Driver

IS-DVF-2RA
Vandal-resistant Door Station

Blank name placard

Semi-flush backbox & 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 5-13/16" 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.

WIRING DIAGRAM:

IS-MV

IS-CCU

IS-DVF-2RA

IS-PU-UL

CAT-5e

CAT-5e

NO
COM
NC

CALL

EMERGENCY

Board on back of unit
See wiring below

▶ N/O Dry Contact
0.5 Amp

RELAY BOARD WIRING AND SETTINGS:

Configuration Switch
See Settings to right

OFF   ON

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

NO
C
NC

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

NO
C
NC

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

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.

Trigger Source	RY1 Triggered?	RY1 Remains ON During Talking?	RY2 Triggered?	RY2 Remains ON During Talking?	RY2 Requires Reset?
Normal Call	YES	YES	NO	N/A	N/A
Emergency Call	YES	YES	YES	YES	NO
Talking	YES	YES	NO	N/A	N/A
Door Release	NO	N/A	NO	N/A	N/A

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.

Trigger Source	RY1 Triggered?	RY1 Remains ON During Talking?	RY2 Triggered?	RY2 Remains ON During Talking?	RY2 Requires Reset?
Normal Call	YES	YES	NO	N/A	N/A
Emergency Call	YES	YES	YES	YES	YES*
Talking	YES	YES	NO	N/A	N/A
Door Release	NO	N/A	NO	N/A	N/A

Contact Technical Support if additional switch configurations are required.

SPECIFICATIONS:

Camera unit:	CMOS camera
Scanning line:	525 lines
Min. illumination:	5 Lux at 1'6"
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
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.