

JP-DVF-RP10

Vandal Resistant Color Video Door Station
with Built in HID® multiCLASS SE® Card Reader

-INSTRUCTIONS-

The JP-DVF-RP10 is a JP Series color video door station with a multiCLASS SE® card reader built onto the same stainless steel faceplate. The card reader provides electronic access to a building through a separate Access Control System, which is not supplied by Aiphone.



NAMES & FUNCTIONS:

1. Camera
2. Microphone
3. LED illuminator
4. Speaker
5. Directory card
6. Call button
7. multiCLASS reader

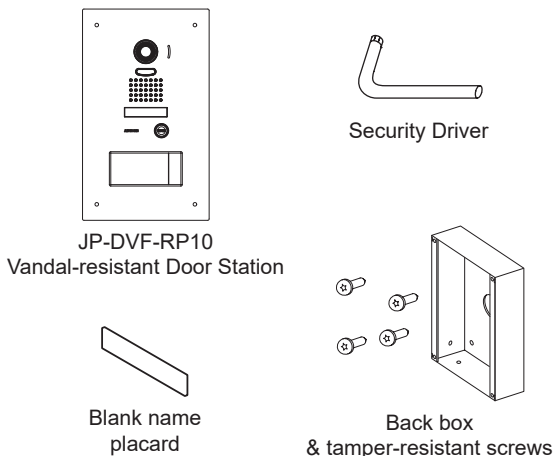
FEATURES:

- All-in-one solution - Communication product & card reader
- If a card is missing or malfunctioning, audio/video communication can provide user verification
- Standard Wiegand output to access panel
- Convenience of installing combined components

OPTIONAL ACCESSORIES:

- **SBX-IDVFRA** - Surface mount stainless steel backbox

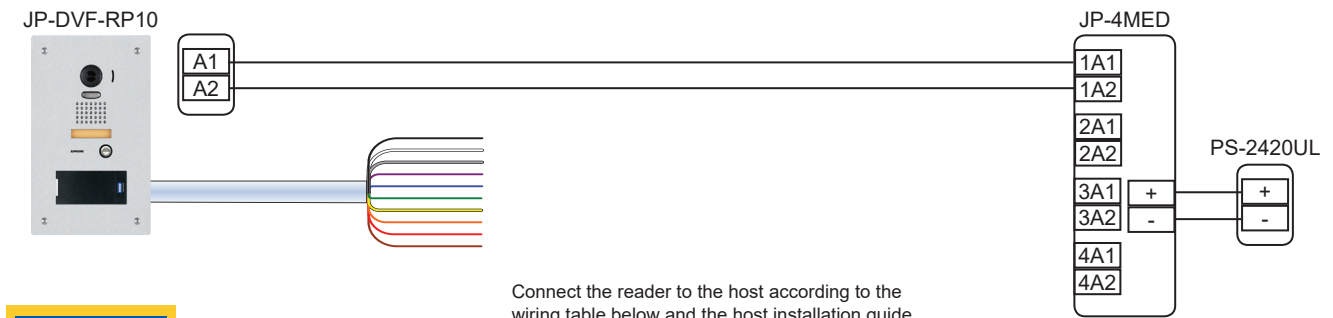
PACKAGE CONTENTS:



INSTALLATION:

- For flush mounting, cut a hole in the wall and use supplied back box. Box dimensions are:
10-1/2" H x 5-13/16" 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:



Connect the reader to the host according to the wiring table below and the host installation guide.

Pigtail	Discription	Pigtail	Discription
Yellow	Beeper Input	Red/Grn	GPIO1 (RS232-T/RS485-A)
Orange	Green (GRN) LED Input	Tan	GPIO2 (RS232-R/RS485-B)
Black	Ground (RTN)	Violet	Open Collector Output
Red	+VDC	White	Wiegand Data 1 / Clock
Drain	Unused	Green	Wiegand Data 0 / Data
Brown	Red LED Input	Pink	GPIO3 (RS485-Z)
Blue	Hold Input	Gray	GPIO4 (RS485-Y)

TESTING & OPERATION:

- When power is applied to the card reader, the LED will flash green three (3) times while the beeper beeps simultaneously. The LED will then turn red. This indicates that the microcontroller is operating properly.
- Present an ID card to the reader (hold card directly in front of reader). The LED will momentarily turn green while the beeper beeps once, indicating that the card was read successfully.

SPECIFICATIONS:

CARD READER:

Reader type: RP10
 Power Source: 5 ~ 16V DC
 Current: 75mA (Avg); 200mA (peak)
 Terminations: Color-coded pre-wired pigtail
 Wiring Distance: 500'
 Operating Temp: -31° ~ 150°F / -35° ~ 65°C
 Operating Humidity: 0-95% relative humidity non-condensing

CAMERA:

Camera unit: CMOS camera
 Scanning line: 525 lines
 Min. illumination: 5 Lux at 1'6"
 Terminations: Screw terminals
 Operating Temp: 14° ~ 140°F / -10° ~ 60°C
 Wiring Distance: 330' w/ 871802 wire
 Dimensions: 11-¹¹/₁₆" H x 7" W

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.
 - The Reader is intended to be powered from a limited power source output of a previously certified power supply

JP-DVF-RP10 Instr.
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