◆AIPHONE®

IS-DVF-HID-I

Vandal Resistant Color Video Door Station
with Built in HID iCLASS® Smart Card Reader

-INSTRUCTIONS-

The IS-DVF-HID-I is an IS-series color video door station and an HID iCLASS® 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.
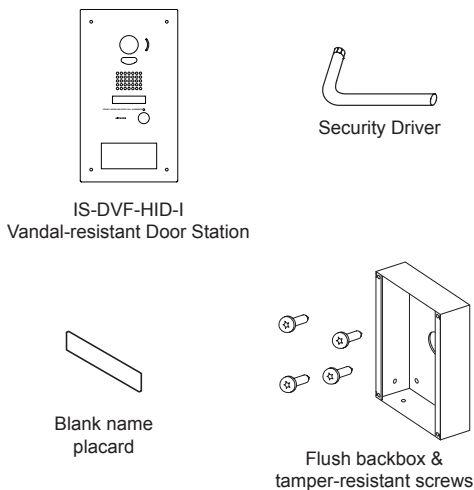The IS-DVF-HID-I can connect to the IS-CCU or IS-SCU control units.

IS-DVF-HID-I

STEADY GREEN INDICATES CALL ANSWERED

AIPHONE

NAMES & FUNCTIONS:

1. Camera
2. Microphone
3. LED Light
4. Speaker
5. Name Placard
6. Call status indicator
7. Call button
8. iCLASS 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
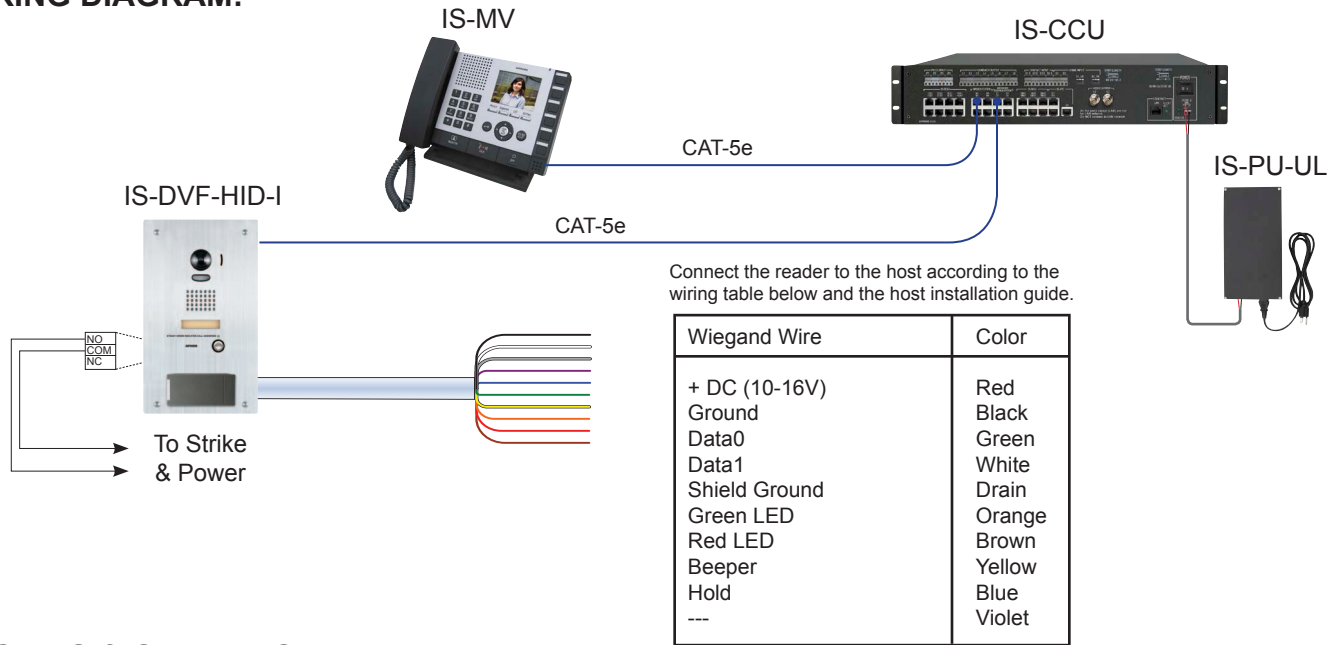- Convenience of installing combined components

PACKAGE CONTENTS:

Security Driver

IS-DVF-HID-I
Vandal-resistant Door Station

Blank name placard

Flush backbox & tamper-resistant screws

INSTALLATION:

- For flush mounting, cut a hole in the wall and use the supplied back box.
  Box dimensions are: 11-3/4" H x 5-13/16" W x 1-3/4" D
- For surface mounting, use the SBX-ISDVFP 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-HID-I

CAT-5e

CAT-5e

IS-PU-UL

NO
COM
NC

To Strike
& Power

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

Wiegand Wire	Color
+ DC (10-16V)	Red
Ground	Black
Data0	Green
Data1	White
Shield Ground	Drain
Green LED	Orange
Red LED	Brown
Beeper	Yellow
Hold	Blue
---	Violet

TESTING & OPERATION:

• When power is applied to the iCLASS® reader, the LED will turn RED while the beeper beeps simultaneously 3 times (the last tone is a higher frequency). The LED will then flash once after the last tone. This indicates that the microcontroller is operating properly.

• Present an iCLASS 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:	R10 (Rev. C)
Power Source:	10 ~ 16V DC
Current:	80mA (Avg); 300mA (peak)
Transmit Freq.	13.56 MHz
Terminations:	Color-coded pre-wired pigtail
Wiring Distance:	500'
Operating Temp:	14° ~ 140°F / -10° ~ 60°C
Operating Humidity:	5-95% relative humidity non-condensing

CAMERA:
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
Operating Temp:	14° ~ 140°F / -10° ~ 60°C
Wiring Distance:	980' with Cat5e/6 cable
Dimensions:	12-3/8" H x 7" W
w/SBX-ISDVFP:	12-13/16" 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.
• The Reader is intended to be powered from a limited power source output of a previously certifed power supply

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