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

**NAMES & FUNCTIONS:**

1. Camera
2. Microphone
3. LED Light
4. Speaker
5. Name Placard
6. Call status indicator
7. Call button
8. Prox 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:**

- IS-DVF-HID Vandal-resistant Door Station
- Security Driver
- 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:

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

<table>
<thead>
<tr>
<th>Wiegand Wire</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ DC (5-16V)</td>
<td>Red</td>
</tr>
<tr>
<td>Ground</td>
<td>Black</td>
</tr>
<tr>
<td>Data0</td>
<td>Green</td>
</tr>
<tr>
<td>Data1</td>
<td>White</td>
</tr>
<tr>
<td>Shield Ground</td>
<td>Orange</td>
</tr>
<tr>
<td>Green LED</td>
<td>Brown</td>
</tr>
<tr>
<td>Red LED</td>
<td>Yellow</td>
</tr>
<tr>
<td>Beeper</td>
<td>Blue</td>
</tr>
<tr>
<td>Hold</td>
<td>Violet</td>
</tr>
<tr>
<td>Card Present</td>
<td></td>
</tr>
</tbody>
</table>

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: 6005B ProxPoint Plus  
Power Source: 5 ~ 16V DC  
Max Voltage: 18V DC  
Current: 30mA (Avg); 75mA (peak)  
Terminations: Color-coded pre-wired pigtail  
Wiring Distance: 500’  
Operating Temp: 14° ~ 140°F / -10° ~ 60°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: 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: 12-7/16” 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 certified power supply.

Aiphone Corporation  
1700 130th AVE NE  
Bellevue, WA 98005  
(425) 455-0510  
Fax: (425) 455-0071

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

Pg. 2  
IS-DVF-HID Instr.  
0311JD