The AX-DV-P and AX-DVF-P are AX-series color video door stations with an HID ProxPoint Plus Card Reader built into the same housing. The card reader provides electronic access to a building through a separate Access Control System, which is not supplied by Aiphone.

**MOUNTING & INSTALLATION:**

**AX-DVF-P**: Provide a wall surface opening for rough-in backbox (supplied), using dimensions shown. Note: If surface mount is required, use the Aiphone SBX-DVF-P (sold separately).

**AX-DV-P**: Provide mounting box or wall opening sufficient for both the CAT-5e cable (from the AX CEU) and the HID card reader wire pigtail.

**NAMES & FUNCTIONS:**

1. Camera
2. Microphone
3. Name placard
4. Speaker
5. Call button
6. HID ProxPoint Plus Reader (6005B)
WIRING DIAGRAM:

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

<table>
<thead>
<tr>
<th>Wiegand</th>
<th>Wire 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>Drain</td>
</tr>
<tr>
<td>Green LED</td>
<td>Orange</td>
</tr>
<tr>
<td>Red LED</td>
<td>Brown</td>
</tr>
<tr>
<td>Beeper</td>
<td>Yellow</td>
</tr>
<tr>
<td>Hold</td>
<td>Blue</td>
</tr>
<tr>
<td>Card Present</td>
<td>Violet</td>
</tr>
</tbody>
</table>

TESTING AND 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:
- Model: HID 6005B
- Power Source: 5 ~ 16V DC
- Current Requirements: 30mA (Avg); 75mA (peak)
- Transmit Frequency: 125 kHz
- Card Formats: Up to 85 bits
- Terminations: Color-coded pre-wired pigtail
- Wiring Distance: 500’ to Host
- Operating Temperature: -10° ~ 60°C / 14° ~ 140°F
- Operating Humidity: 0-95% relative humidity non-condensing

VIDEO DOOR STATION:
- Camera unit: CCD Camera
- Scanning line: 525 lines
- Min. illumination: 5 Lux at 1’ or less
- Terminations: RJ45
- Operating Temperature: -10° ~ 60°C / 14° ~ 140°F
- Wiring Distance: 980’ with Cat5e
- Dimensions:
  - AX-DV-P: 3-15/16" W x 9-5/8" H x 1" D
  - AX-DVF-P: 5-3/4" W x 11-5/8" H x 1-1/4" D
  - With SBX-DVF-P: 5-15/16" W x 11-3/4" H x 2-13/16" D (Top) 1-15/16" D (Bottom)