**Precautions for mounting**

1. The monitor station is designed for indoor use only. Do not install at outdoor location.
2. Installing the device in the following locations could cause malfunction:
   - Locations under direct sunlight (except door station)
   - Locations near heating equipment
   - Locations subject to liquid, iron filings, dust, oil, or chemicals
   - Locations subject to moisture and humidity extremes
   - Locations where the temperature is quite low
   - Locations subject to steam or oil smoke
   - Sulphurous environments
   - Locations close to the sea or directly exposed to sea breeze
3. Installing the station in the following locations as it may affect the clarity of the image:
   - Where lights will shine directly into the camera at night time
   - Where the sky fills much of the background
   - Where the background of the subject is white
   - Where sunlight or other strong light sources will shine directly into the camera
4. In 50Hz regions, if a strong fluorescent light enters directly into the camera, it may cause the image to flicker. Either shield the camera from the light or use an inverter fluorescent light.
5. Use a parallel 2 conductor cable to connect the door station.
6. For wiring, separate them for audio/video and door release and keep them more than 10cm (3.15") away from each other.
7. If existing wiring is used, the device may not operate properly. In that case, it will be necessary to replace the wiring.
8. Do not use any impact driver to fasten screws. Doing so may cause damage to the device.
9. Do not disassemble or modify the station. This may result in fire or electrical shock.
10. Do not install the product on a recessed wall to avoid interruption of communication.

**Precautions for wiring**

1. Do not install two power supplies in parallel to a single input. This may result in fire or electrical shock.
2. Do not connect any terminals on the station directly to an AC power line. This may result in fire or electrical shock.
3. Do not install more than one power supply to a single wall socket. This may result in fire or electrical shock.
4. Do not put your ear close to the speaker when using the station. This may result in injury.
5. Do not put your ear close to the speaker when using the station. This may cause harm to the ear if a sudden loud noise is emitted.

**NOTES:**
- Mounting and wood mounting screws not included.
- For details on the power supply, see the installation manual of the power supply separately.

**Included accessories**

- Installation manual x1
- Information sheet x1
- Mounting bracket x1 (attached to the monitor station)
- Front panel x1 (attached to the door station, JS-1A only)

**Included accessories**

- Camera-angle adjustment lever
- Mounting frame
- Front panel
- Speaker
- Location LED (red)
- Drainage holes

**Caution** (Negligence could result in injury to people or damage to property.)

1. Do not install or connect the station with the power on. This may result in electrical shock or malfunction.
2. Make sure the wiring is correct and there are no wiring shorts before switching on the station. This may result in fire or electrical shock.
3. Install in a place where the station will not get easily bumped. This may result in injury.
4. Do not put your ear close to the speaker when using the station. This may cause harm to the ear if a sudden loud noise is emitted.

**Warning** (Negligence could result in death or serious injury.)

1. Do not disassemble or modify the station. This may result in fire or electrical shock.
2. Do not use with a power supply rated above the specified voltage. This may result in fire or electrical shock.
3. Do not use more than one power supply in parallel to a single input. This may result in fire or electrical shock.
4. Do not connect any terminals on the station directly to an AC power line. This may result in fire or electrical shock.
5. Use the Aiphone power supply specific for use with the system. This may result in fire or electrical shock.
**Installation**

Installation location of the video door station and image view area

**JS-DA**

The angle of the camera lens can be adjusted in the range of 15° in the upward, right, and left directions and in the range of 7° in the downward direction.

The camera angle adjustment lever is at the back of the station. The angle of the camera lens can be adjusted in the range of 15° in the upward, right, and left directions and in the range of 7° in the downward direction. The image may be distorted when the angle is set to left upward or right upward.

- The angle can also be adjusted to the right and right upward.
- The image may be distorted when the angle is set to left upward or right upward.

- View area at 500 mm (20") in front of the camera

<table>
<thead>
<tr>
<th>Adjustment examples</th>
<th>View area at 500 mm (20&quot;)</th>
</tr>
</thead>
<tbody>
<tr>
<td>To the center</td>
<td>Approx. 560 mm (22&quot;)</td>
</tr>
<tr>
<td>Upward</td>
<td>Approx. 650 mm (25.6&quot;)</td>
</tr>
<tr>
<td>Downward</td>
<td>Approx. 750 mm (29.5&quot;)</td>
</tr>
<tr>
<td>To the left</td>
<td>Approx. 250 mm (9.8&quot;)</td>
</tr>
<tr>
<td>Left upward</td>
<td>Approx. 500 mm (19.7&quot;)</td>
</tr>
</tbody>
</table>

**Mounting**

JS-1MD / JS-1HD

The illustration is JS-1MD.

- **<Surface wiring>**
  - The wires can be routed to the top or bottom of the station.
  - Cut the cable inlet to allow passage of the wiring into the station from the top or bottom of the station.
  - If there is a large amount of wiring, strip away the jacket of the wire up to the cable inlet.

- **<Back wiring>**
  - Cut the cable inlet at the top or bottom of the station.
  - Slide the mounting bracket downward to remove it.
  - Fasten the mounting bracket to the wall.

1. **Cut a small round hole**
   - Ø 50 mm (1-15/16") in the wall for routing wires.
   * Cut a hole at a position shifted 17 mm (15/16") to the down from the station center.

2. **Route the wires**
   - Insert the wire into the terminal.

3. **Mount the station on the mounting bracket.**

4. **Connect wires.**
   - Press the release button (to insert or remove the wire).
   - Insert the wire into the terminal.

5. **Fasten the mounting bracket to the wall.**

- **<Back wiring>**
  - Be sure to pass the wood mounting screws through the holes at the center. The station cannot be installed if the wood mounting screws are inserted into other holes.

- **<Surface wiring>**
  - Make sure to leave at least the specified spaces on all sides to prevent malfunction and audio distortion.

- **Cut the cable inlet at the top or bottom of the station.**
  - Slip the mounting bracket downward to remove it.
  - Fasten the mounting bracket to the wall.

- **Mount the station on the mounting bracket.**

- **Connect wires.**
  - Press the release button (to insert or remove the wire).
  - Insert the wire into the terminal.

- **Fasten the mounting bracket to the wall.**

- **<Back wiring>**
  - Be sure to pass the wood mounting screws through the holes at the center. The station cannot be installed if the wood mounting screws are inserted into other holes.

- **<Surface wiring>**
  - Make sure to leave at least the specified spaces on all sides to prevent malfunction and audio distortion.
### Mounting

**JS-DA**

1. Remove the front panel from the main unit.  <br>   **<Bottom surface>**  
   Flathead screwdriver  
   Pry off the front panel with a flathead screwdriver.

2. Remove the main unit from the mounting frame by loosening the locking screws.  
   **<Surface wiring>**  
   Mounting screw × 2  
   (not included)  
   Screw shaft: Ø 4.1 or less  
   Slotted head: Ø 8.2 or less, 3.0 mm or less in height

3. Fasten the mounting frame to the wall.  
   Mounting + 2  
   Screws (not included)  
   Screw shaft: Ø 4.1 or less

4. Connect wires.  
   **<Surface wiring>**  
   JS-DA  
   Connection diagram  
   Insert a wire from the lower side.

5. Mount the main unit on the mounting frame, and fit the front panel on.  
   **<Surface wiring>**  
   Place “UP” upwards

### Wiring

Insert wires securely into each station as shown below.

**Master monitor station**  
**Sub monitor station**  

### Technical precautions

**Cleaning:**  
- Clean all units with a soft cloth and gentle cleaner. Do not spray cleaner directly on unit.  
- Do not use an abrasive cleaner or cloth.

**Video door station is weather resistant.**

**Wiring:**  
- If a short is detected between A1 and A2 of the door station, the unit stops functioning and the Audio transmit LED flashes rapidly until the short is removed. Check the wires.

- Run separate cables for audio/video and door release.

---

**<Back wiring>**  
**<Surface wiring>**  

**Cable inlet**  
**Insert a wire from the lower side.**

---

**A1**  
**A2**  
**B1**  
**B2**  
**L**  
**L**  
**Screwdriver**  
**Pry off the front panel with a flathead screwdriver.**

---

**Mounting screw × 2**  
**Screw shaft: Ø 4.1 or less**  
**Slotted head: Ø 8.2 or less, 3.0 mm or less in height**

---

**Without grounding, the stations may not operate normally.**