### Key Features

- **Wireless Handset:**
  Check visitors and respond promptly from everywhere in the home and even while you are doing something else, by wireless handset. Up to 4 wireless monitor connectable. Max wireless range is 100 m with no obstacles. You can add on repeaters expand the range.

- **Picture Recording Function:**
  The intercom records the images of up to 400. (50 separate sessions: 1 session consists of 8 shots)

- **5-inch Wide Screen:**
  Main monitor offer easy viewing at wide angles both vertical and horizontal.

- **Voice Change Function:**
  This function makes woman’s voice (higher keys) sounds like a man’s (lower keys).

- **Intercom Call:**
  Both the main monitor station and the sub monitor station can transfer a door call using the same operation. When using multiple sub monitor stations, you can make intercom calls between the sub monitor stations.

- **Electric Lock Release Support (Door Opener):**
  The door lock can be easily and quickly released even from the second floor of the house.

- **Night Vision with LED lights (illumination lamp):**
  Door Station is equipped with LED lights (illumination lamp). It enables the colour display of visitors at a distance of about 50 cm at night.

- **Expanding your system with optional units**

  - **Units required to be registered to the main monitor station**
  - **Units required to be installed**
  - **Expanding the range of the system (radio wave range):**
    - Repeater (up to 2 units)

- **Operating the door opener:**
  Connecting to a door opener allows you to open the door using the [DOOR KEY] on the main monitor station or the sub monitor station.

- **Using with Panasonic PBX:**
  Connecting to a PBX allows you to answer calls from the door station using additional machines (extensions).
  Please use only a Panasonic PBX.
  Connectable PBX Model Numbers:
  - KX-TDA30/100/200/600
  - KX-TDE100/200/600
  - KX-NCP500/1000
  - KX-NS300/500/1000
  As of November, 2014

- **Relative Product**
  - Main Monitor Station (Main monitor)
  - Door Station (Doorphone)

### Accessory Information

- **For the sub Monitor station:**
  - AC adaptor (Cord length: Approx. 1.8 m) x 1
  - Battery x 1
  - Battery cover x 1
  - Charger x 1
  - Charger stand x 1

- **For the Door Station:**
  - Wood screws (3.8 mm x 20 mm) x 2

- **For the Main Monitor Station:**
  - Mounting bracket x 1
  - Wood screws (4 mm x 16 mm) x 2

### Optional Accessories

- **Door Station (Doorphone):**
  - VL-V522LBX
  - VL-V522LSX

- **Door Station (Sub monitor station):**
  - VL-W605BX
  - VL-W605CX
  - VL-W605AZ

- **Repeater:**
  - VL-FAN1BX
  - VL-FAN1CX

- **Lobby Station:**
  - VL-V590BX
  - VL-V590CX

### Relative Product

- Up to 20 Main monitors connectable
- Cannot be connected to the VL-SW251AZ.
Installing the Main Monitor

- Safety Precaution: carefully read the operating instructions and installation manual before using this product.

---

**Model Composition**

**VL-SW251**

**Specifications**

<table>
<thead>
<tr>
<th>Model Composition</th>
<th>Dimensions</th>
<th>Power supply</th>
<th>Power consumption</th>
<th>Dimensions (H x W x D) (excluding protruding sections)</th>
<th>Weight</th>
<th>Operating environment</th>
<th>Display</th>
<th>Frequency</th>
<th>Viewing angle</th>
<th>Installation method</th>
<th>External materials</th>
</tr>
</thead>
<tbody>
<tr>
<td>VL-MW251BX/CX/AZ</td>
<td>Main Monitor Station (Main monitor)</td>
<td>Main body</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>VL-V522L</td>
<td>Door Station (Doorphone)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>VL-W605BX/CX/AZ</td>
<td>Wireless Monitor (Sub monitor station)</td>
<td>Main body</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- *Models: Main Monitor Station (Main monitor), Door Station (Doorphone), Wireless Monitor (Sub monitor station)*
- *Dimensions (H x W x D) (excluding protruding sections)*
- *Weight* in grams
- *Operating environment*
  - 0 °C to 40 °C, Up to 80 % RH (Relative Humidity) non-condensing
  - 10 °C to 60 °C, Up to 60 % RH (Relative Humidity) non-condensing
- *Display*
  - 1.8˝ colour LCD monitor
- *Frequency*
  - 2.402 GHz – 2.481 GHz
- *Viewing angle*
  - Horizontally: Approx. 87˚
  - Vertically: Approx. 66˚
- *Installation method*
  - Wall mount
- *External materials*
  - Flame retardant PS resin

---

**Wiring schematic diagram**

- **Door station 1**
  - **Door station 2**
  - PBX
  - Terminal box (4-conductor wiring)
  - Door (Doorknob 1) 1
  - Door (Doorknob 2) 2

- **Wire type and length**
  - **Wire (between the main monitor station and the door station)**
    - Type: General cable CAT-3
    - Distance: Maximum 50 m
    - Loop resistance: 10 Ω or lower
  - **Wire (between the main monitor station and PBX)**
    - Type: General cable CAT-3 or 22 AWG
    - Distance: Maximum 100 m

---

**Installing the Doorphone**

- Example: Installation height is 1450 mm (standard position).

---

**Installing the Main Monitor**

- The actual product may vary slightly from photograph.
- Weights and dimensions are approximate.
- Design and Specifications are subject to change without notice.
- These products may be subject to export control regulations.