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

System Units
- Main Monitor Stations
  VL-MW251
- Wireless Monitor Stations
  VL-MW213
- Door Station
  VL-V522L
- DECT Repeater
  VL-FAN1
- Wireless Sensor Cameras
  VL-MW212

WARNING: Please consult your dealer when connecting with a PBX.

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- All other trademarks identified herein are the property of their respective owners.

Important
- Safety Precaution: Carefully read the operating instructions and installation manual before using this product.
- The actual product may vary slightly from the photograph.
- All pictures of the LCD displays are simulated.
- Weights and dimensions are approximate.
- Design and specifications are subject to change without notice.
- These products may be subject to export control regulations.
VIEW AND TALK FLEXIBLY
Panasonic offers various Video Intercom System models to flexibly suit the size of your house and your lifestyle.

**Stylish Premium Wireless Model**
- **VL-SWD501**
  - Door Station x 1, Main Monitor x 1, Wireless Sub Monitor x 1

**Standard Wireless Model**
- **VL-SW251**
  - Door Station x 1, Main Monitor x 1, Wireless Sub Monitor x 1

**7-inch Wired Model**
- **VL-SF70**
  - Door Station x 1, Main Monitor x 1

*Main monitor is also sold individually. (Main monitor can be combined with other Door Stations. See the compatibility table on page 7.)*

**Comparison Chart**

<table>
<thead>
<tr>
<th>Model Number</th>
<th>VL-SWD501</th>
<th>Customisation Example*1</th>
<th>VL-SW251</th>
<th>VL-SF70</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Maximum Connectable Units</strong></td>
<td>Main Monitor</td>
<td>1</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>Wireless Sub Monitor</td>
<td>6 (DECT)</td>
<td>6 (DECT)</td>
<td>4 (2.4 GHz)</td>
<td>—</td>
</tr>
<tr>
<td>Door Station (Doxophone)</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td><strong>Recording</strong></td>
<td>Movie/Picture Recording</td>
<td>•</td>
<td>•</td>
<td>—</td>
</tr>
<tr>
<td>SD Card Recording</td>
<td>•</td>
<td>•</td>
<td>—</td>
<td></td>
</tr>
<tr>
<td><strong>Connectable Devices</strong></td>
<td>Sensor Camera</td>
<td>•</td>
<td>•</td>
<td>—</td>
</tr>
<tr>
<td>Electric Lock Release (Door Opener)</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td></td>
</tr>
<tr>
<td>Panasonic PBX</td>
<td>•</td>
<td>•</td>
<td>—</td>
<td></td>
</tr>
<tr>
<td>Repeater</td>
<td>•</td>
<td>•</td>
<td>—</td>
<td></td>
</tr>
<tr>
<td><strong>Others</strong></td>
<td>Night Vision (LED Light)</td>
<td>•</td>
<td>•</td>
<td>—</td>
</tr>
<tr>
<td>Touch Panel/Pan &amp; Tilt</td>
<td>•</td>
<td>•</td>
<td>—</td>
<td></td>
</tr>
<tr>
<td>Wide Angle Camera</td>
<td>•</td>
<td>•</td>
<td>—</td>
<td></td>
</tr>
<tr>
<td>Intercom Call</td>
<td>• (Wireless)</td>
<td>• (Wireless)</td>
<td>• (Wireless)</td>
<td>• (Wired)</td>
</tr>
<tr>
<td>Voice Changer</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td></td>
</tr>
</tbody>
</table>

*Easy installation by simply replacing existing doorbell unit. Nonpolar 2-wire system.

**Stylish Premium Wireless Model**
**Wireless Video Intercom System**
**VL-SWD501**

**Door Station**
- VL-V554

**Main Monitor Station**
- VL-MWD501

**Wireless Monitor Station**
- VL-WD613

**Touch Panel**

21mm

**Slim and Stylish Design**
Only 21 mm deep, the main monitor has a slim design that blends in with virtually all room interiors. The stylish Door Station allows both mounted and mount-free use. Choose the type of use that matches your installation conditions and your home’s design.

**Wireless Handset (DECT)**
Wireless means you can answer the visitor anywhere in the house without worrying about cables. Furthermore, it complies with DECT and displays clear and smooth images.

**Other Features**
- Electric Lock Release Support: AC12V-1A/DC12V-1A
- 170 degree Wide-Angle Camera
- SD Card Recording (Stores up to 3,000 video recordings, each 30 sec in length)
- Wireless Sensor Cameras Connectable
- Flexible and Easy Expandability
- Easy Extension
- Voice Changer
- Intercom Call

**Related Product**
- Main Monitor Station (Main Monitor) VL-MWD501
- Wireless Monitor Station (Sub Monitor) VL-WD613
**Wireless Standard Model**

Wireless Video Intercom System

**VL-SW251**

- **Door Station (Doorphone)**: VL-VF580
- **Main Monitor Station**: VL-MW251
- **Wireless Monitor Station**: VL-W605

---

**Features**

- **Wireless Handset**
  - 2.4 GHz
  - Check visitors and respond promptly from anywhere in the home or even while you are doing something else, by wireless handset.

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

- **Picture Recording**
  - Eight consecutive still images of visitors are automatically recorded. (Up to 50 times, 400 images in total) This ensures that you will see every person visiting your home. Images can also be displayed frame-by-frame.

- **Other Features**
  - Electric Lock Release Support: AC30V-1A / DC24V-1A (Door Opener)
  - Voice Changer
  - Intercom Call (between main monitor and sub monitor)

---

**Options**

- Door Station (Doorphone): VL-V522L
- Wireless Monitor Station (Sub Monitor): VL-W605
- Intercom Call: VL-V605
- Digital PBX: KX-TSA20

---

**Picture Recording**

- Up to 50 images of visitors can be recorded while you are away from home. This useful function provides high security when you are not at home.

---

**Three Monitors Connectable**

- A maximum of three main monitor units can be connected. By installing them in the living room and other rooms where you spend the most time, such as a bedroom or kitchen, you can answer the visitor immediately.

---

**Other Features**

- Electric Lock Release Support: DC12V-1.5A (Door Opener)
- Voice Changer
- Intercom Call (between main monitor and sub monitor)

---

**Digital PBX**

Connectable PBX Model Numbers:
- KX-TDA30
- KX-TDA100
- KX-TDA200
- KX-TDA600
- KX-TDE100
- KX-TDE200
- KX-TDE300

Please consult your dealer when connecting with a PBX.

---

**Options**

- Door Station (Doorphone): VL-V522L
- Wireless Monitor Station (Sub Monitor): VL-W605
- Intercom Call: VL-V605

---

**7-inch Wired Model**

Wired Video Intercom

**VL-SF70**

- **Door Station**: VL-VF580
- **Main Monitor Station**: VL-MF70
- **Wireless Monitor Station**: VL-W605

---

**Features**

- **Night Vision**
  - This monitor features a 7-inch wide LCD. As the main monitor, it lets you clearly identify visitors.

- **Picture Recording**
  - This useful function provides high security when you are not at home.

---

**Options**

- Door Station (Doorphone): VL-V522L
- Wireless Monitor Station (Sub Monitor): VL-W605
- Intercom Call (between main monitors)
**VL-SWD501**

<table>
<thead>
<tr>
<th>Model number and name</th>
<th>VL-SWDB501</th>
<th>VL-SWDB501 (Flash mount)</th>
<th>VL-V554UBX</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main Monitor Station</td>
<td>Main Monitor Station</td>
<td>Main Monitor Station</td>
<td>Main Monitor Station</td>
</tr>
<tr>
<td>Door Station (Doorphone)</td>
<td>Door Station (Doorphone)</td>
<td>Door Station (Doorphone)</td>
<td>Door Station (Doorphone)</td>
</tr>
<tr>
<td>Minimum illuminance required when the camera’s Brightness setting is set to +3</td>
<td>Approx. 8.5 lx when 3 m in front of the camera, and approx. 4 lx when 3 m away and 20° to the left or right of the camera.</td>
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</tr>
</tbody>
</table>

**Model Composition**

- **Model number and name**: VL-SWDB501 | VL-SWDB501 (Flash mount) | VL-V554UBX
- **Main Monitor Station**: Main Monitor Station
- **Door Station (Doorphone)**: Door Station (Doorphone)

**Dimensions (flash mount)**

- **Width**: 151
- **Height**: 116
- **Depth**: 30

**Power source**

- **Power supply and AC-adapter**: 24 V DC, 0.5 A
- **Rated load**: 24 V AC/DC, 0.3 A or lower

**Power consumption**

- **During standby**: Approx. 1.5 W
- **During operation**: Approx. 4.5 W (when the LED lights are not lit), Approx. 8 W (when the LED lights are lit)

**Frequency**

- **DECT Repeater/Wireless Sensor Camera**: 1.88 GHz to 1.90 GHz
- **Wireless Monitor**: 2.402 GHz – 2.481 GHz

**Options**

- **Option output (A contact)**: Supplied by the Main Monitor Station

**External material**

- **Stainless steel and flame retardant ABS resin**

**Viewing angle**

- **Horizontal**: Approx. 63°, **Vertical**: Approx. 20°, **Detection range**: Approx. 5 m

**Standby/Power supply unit (VL-PS241)**

- **Power supply unit**: 24 V DC, 0.4 A

**Options**

- **VL-MWD501 (VL-SWD501)**

**Specifications**

- **Power consumption during charging**: Approx. 1.4 W

**Deployment**

- **Wall mount (Wall mount bracket included)**

**Compatibility of Main Monitor and Door Station**

- **Connectable**

---

1. Water resistance is only assured if the Door Station/doorphone is installed correctly according to the instructions in the Installation Guide, and appropriate water protection measures are taken.
2. The minimum illuminance required when the camera’s Brightness setting is set to +3.
3. Approx. 8.5 lx when 3 m in front of the camera, and approx. 4 lx when 3 m away and 20° to the left or right of the camera.