Flexible Videoconferences That Meet Your Needs

Quick decision making and extensive information sharing are essential for today’s business. Panasonic HD Visual Communication (HDVC*) System supports them with efficient communication in distance.

* HD Visual Communications System is abbreviated as HDVC hereafter.

HDVC Main Unit
HD Communication Camera, Boundary Omnidirectional Microphone, HDMI cable sold separately.

- **KX-VC2000**
  - Full HD 1080p image quality
  - Expandable up to 24 sites connection with an activation key [sold separately]
  - Max. 24 sites

- **KX-VC1600**
  - Full HD 1080p image quality
  - Expandable up to 10 sites connection with an activation key [sold separately]
  - Max. 10 sites

- **KX-VC1300**
  - Full HD 1080p image quality
  - Built-in 4 sites

- **KX-VC1000**
  - Full HD 1080p image quality
  - Expandable up to 4 sites connection with an activation key [sold separately]
  - Point to Point

Up to 24 sites Multi-Point Connection
New HDVC have a Line-up covering point to point connection and up to 24 sites connection. It can be available for flexible system configuration to meet customers’ needs.

Multi-Device stress-free conference
HDVC supports Multi-Device of Windows/iOS/Android™. Packet losses for the HDVC System and HDVC Mobile are prevented by the rate control (AV-QoS), and lost packets are restored by the combined use of the forward error correction and automatic repeat request control.

Dual Network Connection for company internal and external network
HDVC is ready for connecting both internal and external network. No expensive network equipment is required to connect external companies. (Dual Network is available on KX-VC2000 / KX-VC1600.)

Connecting with operating rooms
Real-time videoconferences can be held while viewing images of an ongoing operation on a monitor outside the operating room. This makes it possible to provide advanced treatment methods with some of the participating doctor in location other than the operating room.

Multi Monitor Capability
HDVC supports multi-monitors to show PC contents, and other party camera image. The KX-VC2000 / KX-VC1600 supports Triple Monitors that enables even third monitor to show own site image. The KX-VC1300 / KX-VC1000 supports Dual Monitors only.

Interoperability with other manufacturers’ videoconference units
HDVC supports conventional protocol of H.261/H.263/H.264 as well as H.239/BFCP dual stream of PC contents and camera image simultaneous display. This provides existing videoconference user step by step less expensive migration.

Optional Accessories
* Sold separately

- **HD Communication Cameras**
  - GP-VD151
  - GP-VD131

- **Boundary Omnidirectional Microphone**
  - KX-VCA002
  - KX-VCA001

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## Specifications

<table>
<thead>
<tr>
<th>Main Unit</th>
<th>KX-VC2000 NEW</th>
<th>KX-VC1600</th>
<th>KX-VC1300</th>
<th>KX-VC1000 NEW</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Communication Method</strong></td>
<td>SIP, H.323</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Video Compression Method</strong></td>
<td>H.264 [mainstream only], H.263, H.263+, H.263++ (reception only), H.264 High Profile, H.264 Baseline Profile</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Audio Compression Method</strong></td>
<td>G.711 µ-law, A-law [3.4 kHz/64 kbps], G.722 [7.0 kHz/64 kbps]</td>
<td>G.722.1 [7.0 kHz/64 kbps], G.722.1 Annex C [14.0 kHz/64 kbps]</td>
<td>MPEG-4 AAC-LD Mono [7.0 kHz/64 kbps], 14.0 kHz/64 kbps, 22.0 kHz/64 kbps</td>
<td>MPEG-4 AAC-LD Stereo [14.0 kHz/64 kbps, 22.0 kHz/64 kbps]</td>
</tr>
<tr>
<td><strong>Remote Camera Control</strong></td>
<td>Max.: approx. 37 W, Standby: 0.6 W</td>
<td>Max.: approx. 73 W, Standby: 0.6 W</td>
<td>Max.: approx. 45 W, Standby: 0.6 W</td>
<td>Max.: approx. 43 W, Standby: 0.6 W</td>
</tr>
<tr>
<td><strong>Power Consumption</strong></td>
<td>Max.: approx. 37 W, Standby: 0.6 W</td>
<td>Max.: approx. 73 W, Standby: 0.6 W</td>
<td>Max.: approx. 45 W, Standby: 0.6 W</td>
<td>Max.: approx. 43 W, Standby: 0.6 W</td>
</tr>
<tr>
<td><strong>Power Input</strong></td>
<td>Max.: approx. 37 W, Standby: 0.6 W</td>
<td>Max.: approx. 73 W, Standby: 0.6 W</td>
<td>Max.: approx. 45 W, Standby: 0.6 W</td>
<td>Max.: approx. 43 W, Standby: 0.6 W</td>
</tr>
<tr>
<td><strong>DC Power Input</strong></td>
<td>Max.: approx. 37 W, Standby: 0.6 W</td>
<td>Max.: approx. 73 W, Standby: 0.6 W</td>
<td>Max.: approx. 45 W, Standby: 0.6 W</td>
<td>Max.: approx. 43 W, Standby: 0.6 W</td>
</tr>
<tr>
<td><strong>Operating Humidity</strong></td>
<td>10 % to 90 % (non-condensing)</td>
<td>10 % to 90 % (non-condensing)</td>
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<td>10 % to 90 % (non-condensing)</td>
</tr>
<tr>
<td><strong>Operating Temperature</strong></td>
<td>0 °C to 40 °C</td>
<td>0 °C to 40 °C</td>
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<td>0 °C to 40 °C</td>
</tr>
</tbody>
</table>

*When connected to a different brand’s device or MCU (Multi-point Control Unit), connection conditions vary depending on the specifications of their devices or MCUs.

*1 For KX-VC1000, an activation key is necessary to use 2 monitors and HDMI. *2 Varies due to the settings of the HDVC System and the network condition. *3 HDCP is not supported. *4 Dedicated 3-pole mini-plug. *5 Audio cannot be output simultaneously to HDMI1/HDMI2. *6 An activation key must be purchased. *7 Some functions are not supported by IPv6.

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HD Visual Communications System:
http://panasonic.net/psn/products/hdvc/

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