KX-VC600/VC300
HD Visual Communications System
Take Your Meetings to the Next Level with an HD Visual Communications System from Panasonic

Real-time collaboration in stunning HD
A Panasonic HD Visual Communications System (HDVC) lets you simulate and reap the benefits of face-to-face interaction without the exorbitant costs and carbon footprint associated with business travel.

With HDVC you can closely inspect a CAD drawing of a newly-milled machine part by your factory, observe delicate vascular surgery from across the country or train your global sales force—just as if you were physically present. You’ll experience crystal-clear HD video combined with full-duplex sound that lets you capture the nuances of facial expression, tone of voice and body language—crucial towards developing a level of trust and rapport otherwise afforded only by a meeting in person.

Computer/Sub Camera Connection
Connect a PC or sub camera, and show the other party your computer screen or second camera images—perfect for adding slideshows, movies or other images to the meeting.

Interoperability
Designed for maximum flexibility, the Panasonic HDVC can be integrated into an existing video conferencing environment.

Easy Connection and Operation
With a Panasonic HDVC, you can one-touch connect with the desired party using the remote control or address book. You can also make two-point or multi-point calls via a company’s SIP server. These calls can either be point to point or multipoint when you utilize the internal bridging functionality. Switch the outgoing video feed to a sub camera feed or a presentation on a PC with a single remote click.

Split Screen Capability
In a call, all participants can see all other conference participants as well as the data being shared at the same time.*

*Note: The split screen feature (composite display) is available when all sites begin sharing a PC screen using a KX-VC600 running software version 2.3.

Pan, Tilt, Zoom Camera Control
Using the HDVC remote control, you can pan, tilt or zoom both local and remote cameras.

360° HD Audio
360° Full-Duplex Audio (KX-VCA001) combined with our Echo Canceller feature ensures clear voices and lets parties on both sides of the conference talk at once—just as you would in a face-to-face meeting.

Stable Connection/Low Bandwidth Support
Our unique A/V QoS technology helps prevent image and sound disruptions on both intranet and internet connections with only 1.5Mbps required for Full HD (1080p) audio and video transmission.

1080i Full HD Video
As a premier developer of HD video technologies, Panasonic delivers a dazzling level of realism that bridges oceans by seamlessly bringing your clients and associates together into the same room.

KX-VC300 default resolution is 720p. 1080i requires optional activation key card.
Industry Applications

Human Resources
Control in recruitment costs while still reaping the benefits of crucial face-to-face interviews. The Panasonic HDVC delivers all the benefits of a meeting in person—facial expressions, body language, demeanor and other nuances are conveyed—but without the cost and time associated with travel. This not only allows the applicant pool to be widened, but also shortens the hiring timeline.

Training
Corporate training sessions no longer have to entail flying in personnel from far-flung regional offices. Sales managers and other professionals can conduct detailed training sessions with satellite offices. New employee orientations can be conducted remotely without sacrificing the robust, personal interaction necessary for an effective meeting. Onerous travel expenses are rerouted to the bottom line while wasted travel time is eliminated.

Education
Experts and prominent lecturers who would otherwise be unavailable due to time and travel constraints can now be brought into the “virtual classroom.” Students at satellite college campuses can attend lectures by top professors stationed at the main campus. Notes on a blackboard and other visual aids are seen clearly while crisp HD audio ensures no question goes unheard.

Manufacturing
Engineers who would otherwise travel to factories to inspect machinery or collaborate on new product designs can now get a detailed look at blueprints or finely-machined parts, demonstrate assembly methods or conduct quality control seminars without leaving the home office.

Medical
Students can participate in interactive training sessions with experts a continent away. 360º Full-Duplex Audio means participants on both sides of the conference are clearly heard. Physicians can consult with one another in real time across continents and provide diagnostic assistance by getting a detailed look at x-rays, charts or patients themselves, saving time and money.
**System Packs**

**KX-VCPA600NA**
Main Unit + Remote Control + HD Communication Camera

**KX-VCPA300NA**
Main Unit + Remote Control + HD Communication Camera

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**Included Accessories**

- Remote Control
- Microphone for large rooms/wider coverage
  - **KX-VCA001**
- Microphone for standard-sized room
  - **KX-VCA002**
- Camera Security Adaptor **KX-VCZ001**
- Activation Key Card for **KX-VC300**
- **KX-VC301** for 4-site compatibility
- **KX-VC401** for Full HD compatibility

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**Video Camera**
Full HD Fixed-Zoom Camera*

**HD Integrated PTZ Camera**

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**Display**
Full-HD Plasma/LCD Display*

*HDMI cables are required for connection to the camera, TV, etc.

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**Specifications**

**Main Unit (KX-VC300)**

| Video Codecs | ITU-T H.264 high profile
| Compatible Resolutions | 1920 x 1080p / 1280 x 1080i / 720 x 1280 / 960 x 720 / 1280 x 576 / 1280 x 540 / 720 x 576 (X.264)
| Camera Input Resolution | ~1024 x 768
| PC Input Resolutions | VGA, S-VGA
| Audio Codecs | MP3-4 AAC-LD
| Frequency Range | 20 Hz - 20K Hz
| Bitrate | 64 kbit/s
| Microphone | Digital Boundary Microphone KX-VA002
| Sound Processing Function | Stereo Echo Canceller
| Transmission | Communication Protocol
| Number of terminals for microphone connection | 2
| Number of connections | Maximum: 4 microphones
| Maximum input sound pressure | 110 dBspl
| Number of connections for microphone connection | 2
| Dimensions (width x depth x height) | Approx. 105 x 192 x 62 mm
| Weight | Approx. 2.4 lbs
| Power Consumption | AC 120/240 V, 50/60 Hz
| Power Input | DC 16 V, 2.5 A
| Power | Approx. 150 W
| Temperature Range | 0 °C to 40 °C
| Humidity | 10 % to 90 %

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**Boundary Microphone**

| Video Codecs | ITU-T H.264 baseline profile
| Compatible Resolutions | KX-VCA001
| Camera Input Resolution | ~1024 x 768
| PC Input Resolutions | VGA, S-VGA
| Audio Codecs | MP3-4 AAC-LD
| Frequency Range | 20 Hz - 20K Hz
| Bitrate | 64 kbit/s
| Microphone | Analog Boundary Microphone KX-VA002
| Sound Processing Function | Stereo Echo Canceller
| Transmission | Communication Protocol
| Number of terminals for microphone connection | 1
| Number of connections | Maximum: 1 microphone
| Maximum input sound pressure | 110 dBspl
| Number of connections for microphone connection | 1
| Dimensions (width x depth x height) | Approx. 105 x 192 x 62 mm
| Weight | Approx. 2.4 lbs
| Power Consumption | DC 16 V, 2.5 A
| Power | Approx. 150 W
| Temperature Range | 0 °C to 40 °C
| Humidity | 10 % to 90 %

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**Video Camera**

| Video Codecs | ITU-T H.264
| Compatible Resolutions | 1920 x 1080p / 1280 x 1080i / 720 x 1280 / 960 x 720 / 1280 x 576 / 1280 x 540 / 720 x 576
| Camera Input Resolution | ~1024 x 768
| PC Input Resolutions | VGA, S-VGA
| Audio Codecs | MP3-4 AAC-LD
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**Remote Panel View**

1. Camera Control terminal
2. RS-232 terminal
3. MIC jack (Digital)
4. MIC jack (Analog)
5. Audio In (Headphone jack)
6. Audio Out (Headphone jack)
7. GND terminal
8. LAN jack
9. RGB terminal
10. Main Camera terminal
11. Sub Camera terminal
12. HDMI terminal
13. Component terminal
14. DC IN

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**Home & Business Communications**

Design and specifications are subject to change without notice.

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