

Take Your Meetings to the Next Level, with HD Visual Communications System from Panasonic.

Collaborate in real time, in stunning HD!

With Full HD video and Full Duplex audio over a standard Internet connection, this compact, easy-to-use, interoperable system is changing the face of business meetings.

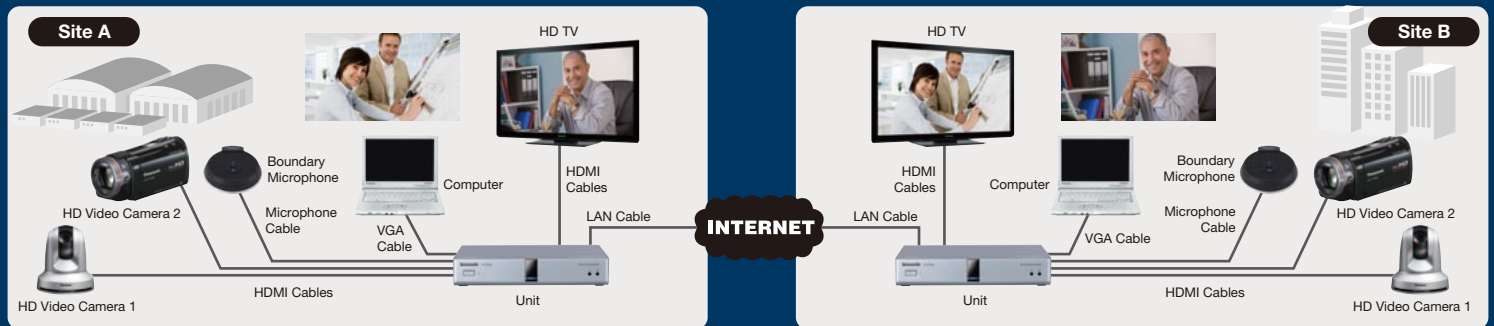
1080i/p
Full HD
Video

Full Duplex
Microphone

Stable
Connection

Easy
Operation

< System Configuration Example >



Required products, options, etc., vary depending on the system configuration.

HD Visual Communications System

KX-VC600

- 4-site Connection
- Full HD 1080i/p
- Other-Brand Device Interoperability
- MCU Interoperability
- Computer Connection
- Sub-Camera Connection
- Digital Microphone*
- Analog Microphone*



KX-VC300

- 2-site Connection
- HD 720p
- Other-Brand Device Interoperability
- MCU Interoperability
- Computer Connection
- Sub-Camera Connection
- Analog Microphone*

*Sold separately



KX-VC600/KX-VC300 Features

High Image Quality

Panasonic's original high image quality technology achieves a dynamic level of realism that makes you feel like you're all in the same room.

High Sound Quality

Conversations are comfortable thanks to our Echo Canceller that prevents sound interruptions when people speak simultaneously.

Stable Connection

Image disruptions and sound interruptions are prevented even on the Internet thanks to original AV-QoS technology.

Computer Connection/Sub-Camera Connection

Effective communication is possible while showing the other party a PC screen or sub-camera image.

PTZ Camera Control with the Enclosed Remote

When a special camera is connected, the HD Visual Communications System remote can be used to control pan, tilt, zoom and preset recall* operations for both your camera and the camera at another party's site.

*Preset registration for your site (not during communication) only.

External Control Interface

A disclosed external device interface allows control over the network from an external device other than the remote.

| | |
|---|---|
| <p>Included and Optional Accessories</p> | <p>Remote Control (Included)</p>  |
| <p>Digital Boundary Microphone KX-VCA001*</p>  | <p>Analog Boundary Microphone KX-VCA002*</p>  |
| <p>Camera Security Adaptor KX-VCZ001*</p>  | <p>Activation Key Card for KX-VC300 KX-VCS301 for 4-site connectability* KX-VCS401 for Full HD compatibility*</p>  |

*Sold separately

Video Camera

HD Camcorder



HD Integrated Camera AW-VC3P



Display

Full-HD Plasma/LCD Display



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

Specifications

| Main Unit (KX-VC600 / KX-VC300) | | KX-VC600 | KX-VC300 |
|-------------------------------------|---|--|---|
| Video | Video Codec | ITU-T H.264 high profile | |
| | Compatible Resolutions | ITU-T H.264 baseline profile (For connection to MCUs and non-Panasonic video conference systems) 1920 x 1080p ** / 1920 x 1080i ** / 1280 x 720p / 1280 x 540p / 960 x 540p / 704 x 480p / 352 x 240p | |
| | Camera Input Resolution | 1920 x 1080i | |
| | PC Input Resolutions | XGA, SVGA, VGA | |
| Audio | Audio Codec | MPEG-4 AAC LD | |
| | Frequency Range | Approx. 200 Hz - Approx. 20 kHz | Approx. 200 Hz - Approx. 14 kHz |
| | No. of Channels | 2 | |
| | Bitrate | 32 kbit/s (Monaural only), 64 kbit/s, 96 kbit/s (per channel) | |
| | Sound Processing Function | Stereo Echo Canceller | |
| Microphone | Digital Boundary Microphone KX-VCA001 (Option) | Analog Boundary Microphone KX-VCA002 (Option) | |
| | Analog Boundary Microphone KX-VCA002 (Option) | | |
| Transmission | Communication Protocol | SIP | |
| | Other | AV QoS Call Control, Encrypted Transmission (AES) | |
| Maximum conference points | 4 ** | 2 *3 | |
| External Interface | Video Inputs | HDMI (Camera) x 2, RGB (PC) x 1 (Switchable 3 inputs) | |
| | Video Output | HDMI x 1, RCA (Component) x 1 | |
| | Audio Input | Analog Boundary Microphone port x 1, Digital Boundary Microphone port x 1, RCA (Stereo) x 1, Stereo mini-plug (Headset) x 1 | Analog Boundary Microphone port x 1, RCA (Stereo) x 1, Stereo mini-plug (Headset) x 1 |
| | Audio Output | RCA (Stereo) x 1 (Audio output to display is via HDMI), Stereo mini-plug (Headset) x 1 | |
| Network | RJ45 port x 1 | | |
| Dimensions (width x depth x height) | Approx. 12 in. x approx. 9 in. x approx. 2.4 in. (approx. 320 mm x approx. 230 mm x approx. 60 mm) | | |
| Weight | Approx. 4.4 lb (approx. 2.0 kg) | | |
| Power Input | AC 100-240 V, 1.2-0.6 A, 50/60 Hz | | |
| DC Power Input | DC 16 V, 2.5 A | | |
| Power Consumption | Maximum: approx. 39 W | Maximum: approx. 23 W | |
| Operating Temperature | 32 °F to 104 °F (0 °C to 40 °C) | | |
| Operating Humidity | 10 % to 90 % (non-condensing) | | |

| Boundary Microphone (sold separately) | KX-VCA001 | KX-VCA002 |
|---|--|---|
| Standard pickup range | Approx. 6.5 ft.(radius), 360° / 2 m(radius), 360° | Approx. 4.9 ft.(radius), 300° / 1.5 m(radius), 300° |
| Maximum pickup range | Approx. 9.8 ft.(radius), 360° / 3 m(radius), 360° | Approx. 6.5 ft.(radius), 300° / 2 m(radius), 300° |
| Pickup method | Stereo / Monaural ** | |
| Microphone unit | Unidirectional ECM microphone parts x 4 | Unidirectional ECM microphone parts x 2 |
| Number of connections | Maximum 4 microphones | Maximum 1 microphone |
| Maximum input sound pressure | 110 dBspl | |
| Number of terminals for microphone connection | 2 | 1 |
| Dimensions | Approx. 4.7 in.(diameter) x 0.9 in. / 120 mm(diameter) x 25 mm | Approx. 2.9 in.(diameter) x 1.2 in. / 75 mm(diameter) x 32 mm |
| Cable length | Approx. 28 ft. / 8.5 m | Approx. 23 ft. / 7 m |
| Power input | Supplied from main unit via proprietary cable | |
| Weight | Approx. 0.6 lb / 280 g | Approx. 0.2 lb / 80 g |
| Operating temperature | 32 °F to 104 °F (0 °C to 40 °C) | |
| Operating humidity | 10 % to 90 % (non-condensing) | |

*1 The optional Activation Key Card lets you upgrade the maximum resolution of the KX-VC300 system to 1080i.

*2 Some restrictions apply when 3 or 4 locations are connected. For details, please consult with your local dealer.
When connecting to non-Panasonic video conference systems, connection is limited to 2 locations.

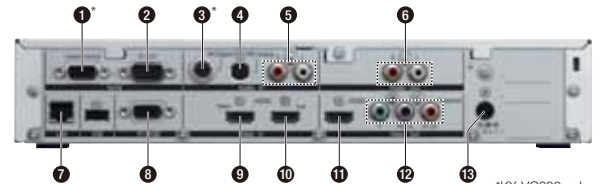
*3 The KX-VC300 also allows connection of 3 or 4 locations when it is on the receiving end of a call.
The optional Activation Key Card lets you expand the KX-VC300's maximum conference points to up to 4 locations.

*4 Either output can be set through system settings. However, when using together with an Analog Boundary Microphone, or when connecting to an MCU or non-Panasonic video conference system, stereo output may not be available.

*5 When using together with an Analog Boundary Microphone, or when connecting to an MCU or non-Panasonic video conference system, the output is monaural.

Rear Panel View

- 1 Camera Control terminal* (Nonusable)
- 2 RS-232C terminal
- 3 MIC jack (Digital)*
- 4 MIC jack (Analog)
- 5 Audio In L/R jack
- 6 Audio Out L/R jack
- 7 LAN jack
- 8 RGB terminal
- 9 Main Camera terminal
- 10 Sub Camera terminal
- 11 HDMI terminal
- 12 Component terminal
- 13 DC IN



*KX-VC600 only.

System Pack with Special Camera

| | |
|------------|--|
| KX-VCPA600 | Main Unit + Remote Control + Digital Boundary Microphone(KX-VCA001) + HD Integrated Camera |
| KX-VCPA300 | Main Unit + Remote Control + Analog Boundary Microphone(KX-VCA002) + HD Integrated Camera |