

10-site HD Video Communications System

KX-VC1600

Affordable multi-point HD Video conferencing system connecting up to 10 sites Dual Network Multi Device Triple Monitor



KEY FEATURES

- Multi-site videoconference with up to 10 locations
- Dual Network. Connect via intranet/VPN and Internet simultaneously, inside and outside your company.
- Multiple devices supported (PC, Android and iOS) and compatible with other video conference systems
- Smooth 2-way conversation with Broadband Stereo Full Duplex Audio and unique Echo Canceller technology
- Clear communication signal with high quality video Full-HD 1080/60p

Panasonic HD Video Communication systems support your businesses need to communicate over long distances and facilitate quick decision making and easy information sharing.

- 10-Site Connection
Standard system comes with 6 site connection, this can be expanded to 10 sites with a licence
- Dual Network
- Participation in videoconferences using mobile devices
- Meetings can be held while displaying images of your site, the other party's site, and PC data each on one of three monitors
- Broadband Stereo Full Duplex Audio
- High quality video Full-HD 1080/60p
- The Rate Control function adjusts data traffic based on network congestion
- Remote Camera Control
- Smooth 2-way conversation with broadband stereo and unique Echo Canceller
- Connect to a sub-camera to share zoom and still images
- Other brand device compatibility and MCU interoperability
- Low Bandwidth Communication Support
- External Control Interface
- Recording Capability
- Wireless Communication
- NAT/FW Traversal

SPECIFICATIONS

Encryption	SRTP (AES 128-bit), H.235 (AES 128-bit)
Audio	Echo Cancellor, Auto Gain Control, Stationary Noise Reduction, Lip Sync, Equalizer, Mic Mute
Other	H.460.18, H.460.19
Audio Compression Method	G.711 μ -law, A-law (3.4 kHz@64 kbps) G.722 (7.0 kHz@64 kbps) G.722.1 (7.0 kHz@32 kbps) G.722.1 Annex C (14.0 kHz@48 kbps/24 kbps) MPEG-4 AAC-LD Mono (7.0 kHz@32 kbps, 14.0 kHz@64 kbps, 22.0 kHz@96 kbps) MPEG-4 AAC-LD Stereo (14.0 kHz@64 kbps, 22.0 kHz@96 kbps) No. of Channels: G.711/G.722/G.722.1/G.722.1 Annex C: 1 MPEG-4 AAC-LD Mono: 1/MPEG-4 AAC-LD Stereo: 2
Video Compression Method	H.261 (mainstream only), H.263, H263+, H.263++ (reception only), H.264 High Profile, H.264 Baseline Profile
Remote Camera Control	H.224, H.281 (Zoom/Pan/Tilt/Preset)
Dual Stream (Method)	H.239 (H.323), BFCP (SIP)
Dual Stream (No. of Displays)	2 displays
Dual Stream(Supported Resolution and Frame Rate)	Main: Maximum 1080p 30 frames/sec. Sub: 1080p 30 frames/sec.
Communication Bandwidth	256 kbps - 18 Mbps
Video Compatible Resolution	176 x 144p, 352 x 240p, 352 x 288p, 512 x 288p, 640 x 480p, 704 x 480p, 704 x 576p, 768 x 432p, 800 x 600p 1024 x 768p, 1280 x 720p, 1280 x 768p, 1280 x 800p, 1920 x 1080p
Video Frame Rate	Maximum 60 frames/sec. (When using H.264 1080p)
Video Screen Display	Full screen, Picture in Picture, Picture with Picture, Side by Side
Input/Output Terminals (Video Input Camera)	HDMI Main x 1, HDMI Sub x 1 Input Resolution: 1280 x 720p, 1920 x 1080i, 1920 x 1080p
Input/Output Terminals (Video Input PC)	RGB x 1 (Mini D-sub 15pin), HDMI x 1 *2 Input Resolution: VGA, SVGA, XGA, HD, WXGA, SXGA, FWXGA, WXGA+, WXGA++, UXGA, WSXGA+, Full HD *2:HDCP is not supported.
Input/Output Terminals (Video Output)	HDMI x 2 Supported output resolutions: 1920 x 1080i, 1920 x 1080p RCA x 1 (Component) HDMI x 1 (For own site/recording video)
Input/Output Terminals (Network)	RJ45 x 2 (100BASE-TX Full Duplex)
Input/Output Terminals (External Controller)	RS-232C x 1 (Also used for maintenance)
External Control	Control via web browser/HTTP CGI, TELNET, RS-232C
Network Protocol	TCP/IPv4, TCP/IPv6 *6, UDP/IPv4, UDP/IPv6 *6, DHCP, DNS, HTTP, HTTPS, TELNET, NTP *6 Some features are not supported when using IPv6.
Connection Mode	IP mode, NAT Traversal mode, IP / NAT Traversal Mode
No. of Simultaneous Connections	6 (Expandable to 10)
Contents Sharing	PC (RGB/HDMI), Sub video camera (HDMI Sub)
USB Memory Device	Updating Software Import: Contact List/Profile *5 /Configuration Data/Encryption Data/ Startup screen/Multicast Tree List Export: Contact List/Profile *5 /Configuration Data/Encryption Data/ Multicast Tree List
Network Functions	Packet resending (ARQ), Forward Error Correction (FEC), Adaptive Rate Control (ARC), Reorder, Packet Shaping, Arbitrary port setting, NAT support, encryption, IP Precedence/DiffServ support
Weight	Approx. 2.0 kg (approx. 4.4 lb)

Power Consumption	Maximum: 45 W, In standby: 0.6 W
Power Input	AC 100 – 240 V, 50/60 Hz up to 1.4 A
Dimensions (W x D x H)	Approx. 320 mm x approx. 230 mm x approx. 61 mm (excluding projecting parts) (approx. 12 in x approx. 9 in x approx. 2.4 in)
DC Power Input	DC 24 V, 2.5 A
Operating Temperature	0 °C – 40 °C (32 °F – 104 °F)
Operating Humidity	10 %–90 % (non-condensing)
Input/Output Terminals (Audio Input)	Boundary Microphone (Digital Interface Type) × 1 (KX-VCA001) (Up to 4) Boundary Microphone (Analogue Interface Type) × 1 (KX-VCA002) (Up to 1) Stereo mini-plug *3 × 1 (ø3.5 mm) RCA × 1 (Stereo) *3:For 3-conductor stereo mini-plugs only.
Input/Output Terminals (Audio Outputs)	HDMI *4 Stereo mini-plug *3 × 1 (ø3.5 mm) RCA × 1 (Stereo) *3:For 3-conductor stereo mini-plugs only. *4:Simultaneous voice audio output for HDMI1/HDMI2 is not supported.
Communication Protocol	SIP, H.323
Input/Output Terminals (Other)	USB 2.0 × 1, Camera Control terminal × 1 (Not used)

URL: <https://business.panasonic.sg/visual-system/kx-vc1600>

CONTACT

Web: <https://business.panasonic.sg/visual-system/contact-us>