



KX-VC1600SX

Main Unit		KX-VC1600SX	
Communication Method		SIP, H.323	
Video Compression Method		H.261 (mainstream only), H.263, H263+, H.263++ (reception only), H.264 High Profile, H.264 Baseline Profile	
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	
Remote Camera Control		H.224, H.281 (Zoom/Pan/Tilt/Preset)	
Dual Stream	Method	H.239 (H.323), BFCP (SIP)	
	Multi-Monitor	3 displays	
	No. of Applicable Resolution Frames	Main: Max. 1080 p 30 frames/second, Sub: Max. 1080 p 30 frames/second	
Encryption		SRTP (AES 128 bit), H.235 (AES 128 bit)	
Other		H.460	
Communication Bandwidth		256 kbps to 18 Mbps	
Video	Compatible Resolutions *2	176 x 144 p, 352 x 240 p, 352 x 288 p, 512 x 288 p, 640 x 480 p, 704 x 480 p, 704 x 576 p, 768 x 432 p, 800 x 600 p, 1024 x 768 p, 1280 x 720 p, 1280 x 768 p, 1280 x 800 p, 1920 x 1080 p	
	No. of Frames	Max. 60 frames/second (When using H.264 1080 p)	
	Screen Display	Full-screen, Picture in Picture, Picture with Picture, Side by Side	
Audio		Echo canceller, Auto gain control, Stationary noise reduction, Lip synch, Equalizer, Mic mute	
I/O Terminals	Video Input	Camera *3	HDMI main x 1, HDMI sub x 1 Input resolution: 1280 x 720 p, 1920 x 1080 i, 1920 x 1080 p

	PC	RGB x 1 (Mini D-sub 15 pin), HDMI x 1 ^{*3} Input compatible resolution: VGA, SVGA, XGA, HD, WXGA, SXGA, FWXGA, WXGA+, WXGA++, UXGA, WSXGA+, Full-HD
	Video Output	HDMI x 2, HDMI x 1 (For own site/recording video) RCA x 1 (Component) Supported output resolutions: 1920 x 1080 i, 1920 x 1080 p
	Audio Input	Boundary Omnidirectional Microphone (Digital Interface Type) x 1 (KX-VCA001X) Max. 4, Boundary Omnidirectional Microphone (Analogue Interface Type) x 1 (KX-VCA002X) Max. 1, HDMI, Stereo mini-plug ^{*4} x 1 (ø0.35 cm), RCA (Stereo) x 1
	Audio Output	HDMI ^{*5} , Stereo mini-plug ^{*4} x 1 (ø0.35 cm), RCA x 1 (Stereo)
	Network	RJ45 x 2 1000BASE-T/100BASE-TX/10BASE-T Full Duplex
	External Control	RS-232C x 1 (Also used for maintenance)
	Others	USB 2.0 x 1, Camera Control Terminal x 1 (Not used)
No. of Simultaneous Connection Sites		10 ^{*6} (Max.) /6 (Default)
Unauthorized Incoming Call Security		Identification Number / Terminal Verification (HDVC, HDVC Mobile) / Whitelist
Content Sharing		PC (RGB/HDMI), Sub video camera (HDMI sub)
USB Host Mode (USB Memory)		Updating Software Import: Contact List / Profile ^{*7} / Configuration Data / Encryption Data / Startup screen / Multicast Tree List Export: Contact List / Profile ^{*7} / Configuration Data / Encryption Data / Multicast Tree List Recording (Audio and Video)
USB Device Mode (PC Peripheral) ^{*8}		USB Audio Class 1.0 / USB Video Class 1.0
Network Protocol		TCP/IPv4, TCP/IPv6, UDP/IPv4, UDP/IPv6, DHCP, DNS, HTTP, HTTPS, TELNET, NTP
Network Functions		Packet resending (ARQ), Forward Error Correction (FEC), Adaptive Rate Control (ARC), Reorder, Packet Shaping, Arbitrary Port Setting, NAT Compatibility, Encryption, IP Precedence/DiffServ Support
External Control		Control via web browser/HTTP CGI, TELNET, RS-232C
Connection Modes		IP mode, NAT Traversal Service, IP/NAT Traversal Service
Dimensions(width x depth x height) (Unit: cm) *Excluding projecting parts		Approx. 32 x 23 x 6.1
Weight		Approx. 2.0 kg
Power Input		AC 100-240 V,-1.4 A, 50/60 Hz

Power Consumption	Max.: approx. 45 W, Standby: 0.6 W
DC Power Input	DC 24 V, 2.5 A
Operating Temperature	0 °C to 40 °C
Operating Humidity	10 % to 90 % (non-condensing)
Note	<p>*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.</p> <p>*1 For KX-VC1000SX, an activation key is necessary to use 2 monitors and HDMI2.</p> <p>*2 Varies due to the settings of the HDVC System and the network condition.</p> <p>*3 HDCP is not supported.</p> <p>*4 Dedicated 3-pole stereo mini-plug.</p> <p>*5 Audio cannot be output simultaneously to HDMI1/HDMI2.</p> <p>*6 An activation key must be purchased.</p> <p>*7 Available for KX-VC1000SX after KX-VCS314 expansion has been enabled.</p> <p>*8 PC Peripheral kit must be purchased.</p> <ul style="list-style-type: none"> • Specifications and design are subject to change without notice. • All monitor screens are simulated. • Windows and Skype are registered trademarks of Microsoft Corporation in the United States and other countries. • Android™ is a trademark or registered trademark of Google Inc. • iPhone and iPad are trademarks of Apple Inc. • iOS is an operating system name of Apple Inc. • iOS is a trademark or registered trademark of Cisco Systems, Inc. or other related company in the United States and other countries. • HDMI, the HDMI logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC. • This product incorporates G.722.1 and G.722.1 Annex C licensed by Polycom®. Polycom® is a trademark of Polycom, Inc. in the United States and other countries.