



AN EASY SOLUTION FOR VIVID CONFERENCING

VIDEO CONFERENCE SYSTEM



WHY LG VCS

LG's premium Video Conferencing System breaks away from the mold of complicated interactive communications to deliver a total solution offering. Everything is integrated into a single system. From a compact design to a full complement of features and technologies, the LG VCS combines HD video with a high quality audio system to deliver a vivid conferencing system to like no other.

Focusing on the needs of the customer, the LG VCS provides an intuitive interface as well as easy to install hardware. Simply plug and play and you'll be up and running in no time. Its broad compatibility with external media devices and software applications also enables users to connect different types of displays such as televisions, desktop monitors, and projectors. IP technologies work together to optimize the videoconferencing environment to transmit video and audio that is not only clear and sharp, but also secure.

The LG VCS is geared towards commercial applications and can be applied to a variety of verticals.

Offices: Save time and travel costs. Multiple locations can hold conference meetings while sharing and reviewing presentations and documents.

Schools: Inspire and engage. Students can be a part of in-class field trips without stepping out of the classroom and special guest educators can present multimedia content with their lessons.

Government: Secured conferencing. Technologies such as H.235 (AES) encryption, TLS/SRTP, and IEEE 802.1x support provides a high level of security for conferencing sessions that require protected connections between parties.



EASY SOLUTION

| INTUITIVE USER INTERFACE |



Idle Screen

The eye-catching Idle Screen is a dashboard for dialing phone numbers, directory, settings, and the main menu. Simply type in an IP address or a phone number right on the screen, and you'll be connected in a flash.



Recent Call History and Directory

The finished call is automatically logged and displayed as a thumbnail to enable quick re-dial for future calling [Speed Dial].



With the "Add Directory" function, creating a new contact in the phone book is easy—the Virtual Keyboard has the familiar look of a phone handset.



Setup

The LG User Interface (UI) is consistent through-out LG products and the simple 3-level UI is quite inviting compared to conventional UI design.



Screen Layout

The screen layout can easily be changed to meet the individual needs of each conferencing session.



| EASY PLUG & PLAY HARDWARE DESIGN |



Compact Size

The Dual Hinge Stand folds up and down to allow for easy angle control as well as compact storage.



Integrated Microphone

The super-sensitive micro-phon built into in the camera means you have one less piece of equipment to lug around.



Built-in Speaker

Video telephony is available anywhere without an extra speaker.

VIVID CONFERENCING

| THE LG ADVANTAGE |

| DYNAMIC VIDEO CONTROL |

DRAMATIZATION



SD IMAGE



HD IMAGE

720p HD Video

HD image quality, compared with SD, provides a more realistic video conferencing environment.

Dynamic Bandwidth Allocation

LG VCS adapts to the best video bitrate available according to the current conditions of your bi-directional network.



HIGH



MIDDLE



LOW

Lost Packet Recovery

Error Correction technology can alleviate unreliable network conditions, while still providing smooth audio communication.

Quick Booting

The LG VCS boots in under a minute compared to other systems that require 3 minutes.

Document Sharing

Document sharing allows users to carry on a conversation while reviewing documents together.



OR



Excellent Audio Quality

The application of the G.711/2 and G.728/9 audio standards maintains high-level audio performance.



RVF1000



RVF1000 Key Features

- Easy to Install, Portable In-Room Video Conferencing
- IP-based 1-to-1 Video Conferencing System
- H.323, SIP Communications
- HD Camera, Codec, RCU configuration
- 1280 x 720p, 30fps HD camera
- H.263, H.264(AVC) video standard
- G.711 / 2 & G.728 / 9 audio standard
- Content sharing with single streaming
- Dynamic bandwidth allocation
- Lost packet recovery
- High quality carrying case (included)

| ACCESSORY |

Carrying Case (included)



This stylish soft patch leather case keeps the VCS codec box safe and has a modular interface for attaching accessories.

| SPECIFICATIONS |

System components		Codec 1.3M HD Camera RCU Power Supply (Adaptor, 12V 5A) Cables for Power, HDMI Video out, Camera Interfacing
Communication		H.323, SIP
Video	Video standard	H.263, H.264
	Resolution	Progressive Scan 1,280 x 720P @ 25-30 Frame/Sec (HD) 4CIF CIF 720P @ 30 Frame/Sec > 11 Mbps (High Definition, 16:9 aspect ratio)
Camera		Wide-angle lens with 65.4 degree field of view 1/3 Inch, 1.3 Mega pixels HD Color fixed camera 1,280 x720p @ 25 ~ 30fps Resolution built-in high sensitive mic.
Audio standard		G.711, G.722, G.722.1, G.722.1C, G.728, G.729 Built-in 2Watt (Mono) speaker Ring tone Full duplex for more natural conversations Echo cancellation Automatic noise reduction Automatic gain control
Other Supported Standards		H.323, H.224, H.281 H.225, H.245, H.241, H.460, SIP (RFC 3261) RFC 3262, RFC 3264, RFC 4566, RFC 3407, RFC 2976, RFC 3311, RFC 4028, RFC 2190, RFC 2833, RFC 3984, RFC 4587, RFC 5459
Feature	Contents Sharing User Interface	Selectable Contents sharing (People or Contents) Graphic base easy User Interface Graphical User Interface Call Manager Snapshot / Thumbnail display Multiple languages supported (English / Spanish / French)
	Network	IPv6 AES (FIPS197, H.235) NAT / Firewall Client (H.460.17/18/19) IP Precedence for QoS DiffServ (Differentiate Service) for QoS Lost Packet Recovery for QoS Dynamic bandwidth allocation for QoS
	Directory & Address Book	Up to 999 local directory entries Save, Remove Redial List features Missed call notification LDAP support / H.350 compliant
	System Management	Web-based system management Network Time Protocol (NTP) Firmware Upgrade via Web
Security		Secure password authentication, Ability to disable HTTP services H.235 (AES) encryption support including strict compliance SNMP security alerts Ability to disable HTTP, SSH and Telnet services TLS/SRTP support IEEE 802.1x support Kensington Security Slot™
Power	Camera	AC Voltage 100-240V, 50-60 Hz, 1.0A via external power supply, DC 5V
Enviro Data		Operating Temp. 0°C (32°F) to 40°C (104°F) Operating Humidity 15% to 85%, non-condensing Storage temperature -20°C (-4°F) to 60°C (140°F) Storage humidity 10% to 90%, non-condensing
Dimensions WxDxH(mm)		105 x 105 x 64(fold), 90
Weight		TBD
Dimensions WxDxH(mm)		143 x 220 x 35
Weight		TBD
Regulatory Certifications		FCC Part 15.b Class A, UL/CSA 60950-1 2nd Edition KCC KN55022,24, KC K60950-1
Interface		Audio Input (1 x Headset In), Audio Output (1 x Headset Output) Camera Input (1 x HD Camera, Include Mic In), D-Sub Video In (1 x VGA) HDMI Video Out (1 x HDMI - 480P, 720P) LAN Port : 1 x RJ-45, 10/100Mbps, Power (1 x DC Input)

