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LG
Life's Good



AN EASY SOLUTION FOR VIVID CONFERRING

VIDEO CONFERENCE SYSTEM

LG VCS is an easy solution to vivid conferencing. Now, you can be supported with LG VCS, which promises a successful business.





WHY LG VCS

LG VCS has been developed in accordance with the mission of LG Business Solutions, in terms of providing customer oriented solutions. The LG Video Conference System (VCS) has 3 design philosophies: Stylish Design, Reliability, and Smart Technology. By improving usability through easy methods of application, it provides an "Easy Solution" that breaks away from the stereotype of complicated video conferences. It possesses a high resolution and high quality audio system with a stable network that provides a "Vivid Conference" equal to that of actual conference environments.

| EASY SOLUTION |

LG aims to focus on the customer's unmet needs and unidentified complaints rather than supplier-oriented VCS product framework, and bring better video conference experience to the end-user. Simply started from the simple but fancy and convenient user interface, LG VCS products give the better way of video conferencing with LG's multi-years of experience in consumer product design and usability.

| VIVID CONFERENCING |

The vivid video conferencing experience is realized with high quality performance in video and network technology. LG VCS products works with full-fledged features implemented to meet this goal.





For Business Partners

- Derived customer demands, thanks to well-known LG brand image
- Building reliable business environment with proven LG supply and service networks
- Making synergy with other LG products



For End Customers

- Distant and over-sea business management.
- Saving time and travel cost
- Effective and efficient decision making
- Work and Life balance by Telecommuting

VARIOUS VERTICAL UTILIZATION

LG VCS can be applied to various verticals such as office, school, and government. Along with existing LG products like LCD monitors, customer benefits will easily be maximized.



EASY SOLUTION

| INTUITIVE USER INTERFACE |



IDLE SCREEN

The eye-catching Idle Screen is a dash-board for calling, directory, setting, and the main menu. Simply type in an IP address or a phone number right on the screen, and you will be connected.



RECENT CALL HISTORY, AND DIRECTORY

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

In "Add Directory" function, creating new contact in the phone book is easy. e.g. Virtual Keyboard has handset look and feel.



SETUP

LG UI concept is consistent throughout the LG products and simple 3-level UI is compelling, compared to the conventional UI design.



SCREEN LAYOUT

Users can easily change the video call screen layout and this shows well how a company like LG, a well-known consumer product manufacturer, makes good video conferencing equipment as well.

| EASY TO 'PLACE & PLUG' H/W DESIGN |

COMPACT SIZE

The Dual Hinge Stand is folded up and down to allow easy angle control. (Also easy for keeping and carrying).



INNER MICROPHONE

The super-sensitive microphone embedded in the camera increases portability.



BUILT-IN SPEAKER

Video telephony is available anywhere without an extra speaker.



| ACCESSORY |

CARRYING CASE

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



CONFERENCING MIC POD

This MicPod is designed for small and medium size rooms and is a standard input audio device for room type VCS.

VIVID CONFERENCING

| OPTIMIZATION TO BE ON PAR WITH COMPETITORS |

720P HD VIDEO

HD image quality, compared with SD, can provide a real-sense, vivid videoconferencing environment.



SD IMAGE

HD IMAGE

QUICK BOOTING

Within about 50 seconds, booting is completed, while some vendors require 3 minutes. This contributes a lot to power saving.

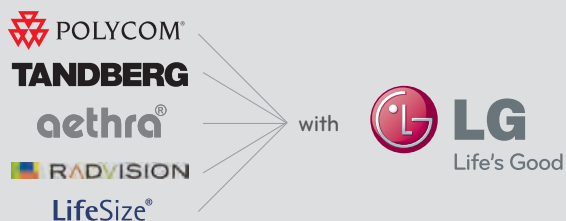


GOOD AUDIO QUALITY

With the application of the G.711, G.712 and G.728, G.729 audio standards, high-level audio performance is available.

INTEROPERABILITY

LG has been testing all off-the-shelf VCS products and has invested greatly to secure interoperability.



| DYNAMIC VIDEO CONTROL |



Automatically detecting network conditions and adaptively controlling video quality accordingly enables stable video conferencing.



LOW



MIDDLE



HIGH

DYNAMIC BANDWIDTH ALLOCATION

LG VCS determines the best video bitrate adaptively, according to the current network condition bi-directionally.

LOST PACKET RECOVERY

Error Recovery technology is added in an effort to overcome unreliable network condition, while still audio communication is guaranteed.

DOCUMENT SHARING

LG VCS considered document sharing feature as default. Therefore, users can freely talk while seeing the document.



OR

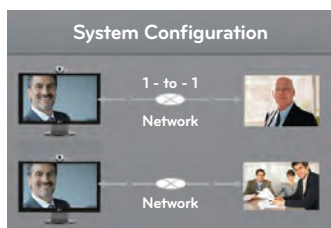


DESKTOP ALL-IN-ONE TYPE



All-In-One Desktop Type

Desktop All-In-One Type System is devised for key managers with its ease of use and elegant design.



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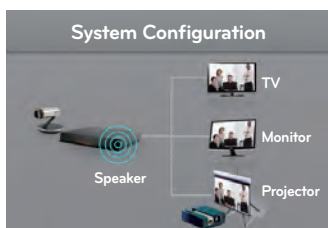
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ROOM TYPE



Room Type

Room Type Systems is designed for office conference rooms



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- Easy installation & mobility In-room Video Conferencing System
- IP based 1- to-1 Video Conferencing System
- H.323, SIP Communications
- HD Camera, Codec, RCU configuration
- 1,280 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(option)





- IP based 1- to-1 Video Conferencing System
- H.323, SIP communications
- 24 Inch 1,920 x 1,080p Full HD wide LCD monitor
- 1,280 x 720p, 30fps HD Camera
- H.261 / 3 / 4 & H.239 (receive) video standard
- G.711 / 2 / 2.1C & G.728 / 9 audio standard
- AMC*(Adaptive Motion Control)
- Echo cancellation for echo-free calls



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S T O R E

SPECIFICATIONS



ITEM		AVS2400	RVF1000
System components		24" Full HD LCD Monitor Monitor Junction HD Focus Camera Remote Control Unit Cables for Power, HDMI	Conference codec 1.3 Mega HD Camera Remote Control Unit Power Supply (Adaptor, 12V 5A) Cables for Power, HDMI, HD Camera
Communication		H.323, SIP	H.323, SIP
Video	Video standard	H.261, H.263, H.263+, H.263++ ,MPEG4, H.264AVC, H.239 (receive) compliant	H.263, H.264
	Resolution	Maximum resolutions widescreen 16:9 aspect ratio All resolutions progressive scanning All resolutions at 30 frames per second 192Kbps (432x240pixels) Widescreen FCIF 384Kbps (720x400pixels) Cable TV 512Kbps (800x448pixels) DVD resolution 768Kbps(1024x576pixels) 2xDVD Resolution 1.1Mbps or higher (1280x720pixels) High Definition	Maximum resolutions widescreen 16:9 aspect ratio All resolutions progressive scanning All resolutions at 30 frames per second CIF SIF 4CIF, 4SIF 1,280 x 720p 1.1Mbps or higher (1280x720pixels) High Definition resolution
Camera		Wide-angle lens with 70 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.	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.722.1C, G.723, G.728, G.729, G.729a, MPEG-4 -AAC-LC High Definition audio Built-in ringer Echo cancellation for echo-free calls Automatic noise reduction (Noise suppression) / Comfort Noise Fill Automatic gain control	G.711, G.722, G.722.1, G.722.1C, G.728, G.729 Built-in 2Watt speaker (Mono) Ring tone Full duplex for natural conversations Echo cancellation for echo-free calls Automatic noise reduction Automatic gain control
Other Supported Standards		H.221, H.224, H.225, H.231, H.241, H.242, H.245, H.281, BONDING (ISO13871) via LifeSize Networker, RFC 3261, RFC 3264, RFC 2190, RFC 3407, RFC 2833	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	- Context sensitive user interface Graphical user interface call manager Multiple languages supported Do Not Disturb mode Auto Call Establishment Call Scheduling Diagnostic logging Web Interface Directory Service (H.350) System Log Reporting	Selectable Contents sharing (People or Contents) Graphic base easy user interface Graphical User Interface Call Manager Snapshot / Thumbnail display Multiple languages supported
	Network	Software Upgrade via internet Far-End Camera Control (H.224/H.281) IPv4 & IPv6 AES (FIPS197, H.234/H.235) NAT / Firewall Client (H.460.17/18/19) IP Precedence for QoS DiffServ (Differentiated Service)for QoS RSVP (Resource Reservation Protocol)for QoS Adaptive Motion Control (AMC)for QoS	IPv4 & IPv6 AES (FIPS197, H.235) NAT / Firewall Client (H.460) IP Precedence for QoS DiffServ (Differentiated Service) for QoS Lost Packet Recovery for QoS Dynamic bandwidth allocation for QoS
Directory & Address Book		Up to 500 local directory entries Save, Lock, Remove Redial List features Missed call notification Auto-Discovery directory lookup (patent pending) LDAP support / H.350 compliant	Up to 1,000 local directory entries Save, Remove Redial List features Missed call notification LDAP support / H.350 compliant
System Management		SNMP Backup and Restore capability	Web-based system management Network Time Protocol (NTP) Firmware Upgrade via Web
Security		Admin and User level password SNMP security alerts Ability to disable HTTP, SSH and Telnet services H.235 (AES) encryption support including strict compliant TLS/SRTP support IEEE 802.1x support	Secure password authentication Ability to disable HTTP services H.235 (AES) encryption support including strict compliant SNMP security alerts Ability to disable HTTP, SSH and Telnet services TLS/SRTP support, IEEE 802.1x support Kingston Security Slot™
Power	Camera	AC Voltage 100-240V, 50-60 Hz, 63W (1.5A)	-
	Conference codec HD camera	- -	AC Voltage 100-240V, 50-60 Hz, 1.0A via external power supply DC 5V
Environmental Data	Operating temperature	0°C (32 F) to 40°C (104 F)	0°C (32 F) to 40°C (104 F)
	Operating Humidity	15% to 85%, non-condensing	15% to 85%, non-condensing
	Storage temperature	-20°C (-4 F) to 60°C (140 F)	-20°C (-4 F) to 60°C (140 F)
	Storage humidity	10% to 90%, non-condensing	10% to 90%, non-condensing
Dimensions (Camera)	WxDxH(mm)	600 x 131 x 499	106 x 70 x 106
Dimensions (Codec)	Weight	8.1kg	0.27kg
	WxDxH(mm) Weight	- -	142 x 220 x 37 0.65kg
Regulatory Certifications		FCC , cUL/CSA, CE/CB, C-tick, TUV-bauart, CCC, VCCI, PSE, KC, KCC	FCC , cUL/CSA, CE/CB, C-tick, TUV-bauart, CCC, VCCI, PSE, KC, KCC
Interface		2 x RJ-45 (1. Network LAN, 2. PC In) 1x HDMI In 1x D-Sub In 1x Mic in 1x Headphone out	1 x RJ-45, 10/100Mbps, 1 x HDMI out 1 x D-sub in, 1 x HD Camera 1 x Mic. In 1 x Headset Output 1 x DC Power Input

* Exact products and specifications shown may vary by geographic region and are subject to change without notice.
Actual products may differ from the images appearing in the catalog.

