

ROOM TYPE

RVF1000

Easy-to-Use Video Conference System with Reliable Interoperability: Optimized for Small/Mid-Sized Conference Rooms



SPECIFICATIONS

System Components

- Conference Codec
- 1.3 Mega HD Camera
- 1 X MicPod
- Remote Control Unit
- Power Supply (Adaptor, 12V 5A)
- Cables for Power, HDMI, HD Camera

Communication

- H.323, SIP

Video

- Video Standard : H.263, H.264
- Resolution
 - Maximum Resolutions Widescreen 16:9 Aspect Ratio
 - All Resolutions Progressive Scanning
 - All Resolutions at 30 Frames per Second
 - CIF, SIF, 4CIF, 4SIF
 - 1,280x720p from 1024kbps

Camera

- Wide-Angle Lens with 65.4 Degree Field of View
- 1/3 Inch, 1.3 Mega Pixels HD Color Fixed Camera
- 1,280x720p @ 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 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.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, RFC 6681

Feature

- Content Sharing : Selectable Content Sharing (People or Content)
- User Interface
 - Graphic Base Easy User Interface
 - Graphical User Interface Call Manager
 - Snapshot / Thumbnail Display
 - Multiple Languages Supported (14)
- Network
 - IPv4
 - AES
 - NAT / Firewall Client (H.460.18/19)
- QoS
 - IP Precedence
 - DiffServ (Differentiated Service)
 - Lost Packet Recovery
 - Dynamic Bandwidth Allocation

- Directory & Address Book
 - Up to 1,000 Local Directory Entries
 - Save, Remove Redial List Features
 - Auto-Discovery Directory Lookup (Patent Pending)
 - 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 Compliant
- Ability to Disable HTTP, SSH and Telnet Services
- IEEE 802.1x Support
- Kensington Security Slot™

Power

- Conference Codec : AC 100-240V, 50-60 Hz, 1.0A via External Power Supply
- HD Camera : DC 5V

Environmental Data

- Operating Temperature : 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(Camera)

- WxDxH(mm) : 106mm(W) x 70mm(D) x 106mm(H)
- Weight : 0.27kg

Dimensions(CoDec)

- WxDxH(mm) : 142mm(W) x 220mm(D) x 37mm(H)
- Weight : 0.63kg

Regulatory Certifications

- KCC, GOST, CE, FCC, C-TICK, MII, CE, uUL, CCC

Interface

- 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



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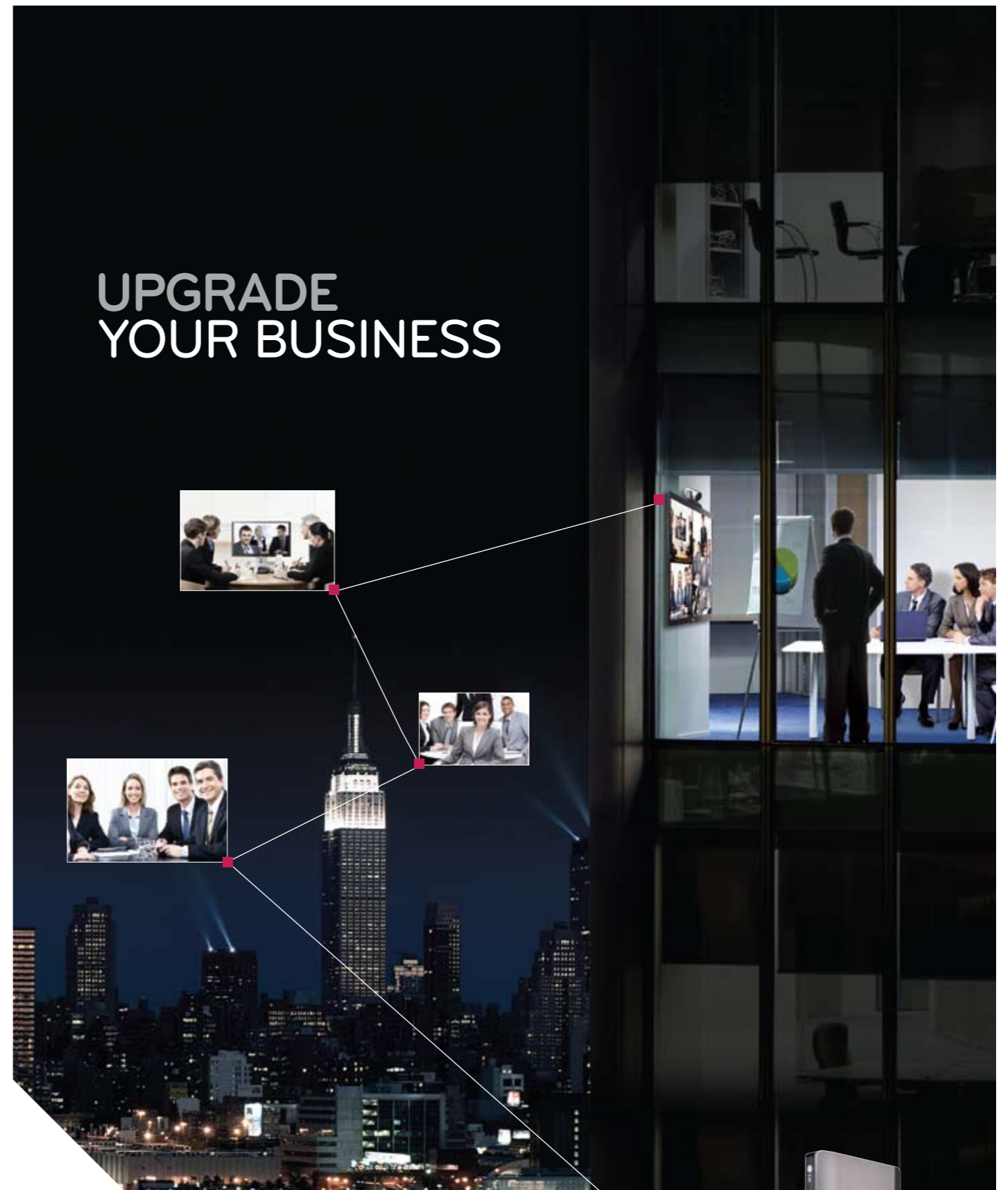
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UPGRADE YOUR BUSINESS

Communication Solution for Your Business Success
LG VIDEO CONFERENCE SYSTEM



LG VIDEO CONFERENCE SYSTEM

Content Sharing : Dual Stream

The Content Sharing feature with dual streaming allows you to synchronize people and content screen simultaneously with far side. Content sharing feature increases communication and productivity in a seamless manner.



Web-Based Monitoring/Recording

Users can monitor & record video conferencing data in his/her PC so that the user can capture all important visual and audio details.



* Performance depends on PC performance.

All-Integrated Remote Control

Just one remote control is all it takes to operate the V5500/V5000 and LG televisions simultaneously, maximizing the products' synergy effect and the customer comfort.



WDR (Wide Dynamic Range)

V5500/V5000's camera provides clear images even under back light circumstances where the intensity of illumination is excessive.



Snapshot / Preset

The customer can enjoy LG VCS snapshot-based camera preset functions. Users can save camera position as a thumbnail image to easily identify which camera position is assigned to a specific position.



MULTIPOINT ROOM TYPE

V5500 V5000 VR5010H

The 4-Channel High Performance Video Conference System:
Capable of Accommodating up to 30 People in a Seamless Manner.



SPECIFICATIONS

Package Includes

- 1 X Conference codec
- 1 X HD PTZ camera
- 2 X MicPod
- 1 X Cable for power
- 1 X Cable for camera control (3m)
- 1 X HDMI cable for camera AV data (3m)
- 1 X HDMI cable for TV (3m)
- 1 X Remote control (with 2 batteries)

Multi-Point Call

- V5500 : 1 local + 3 remote / V5000 : 1 local + 1 remote
- VR5010H : 1 local + 1 remote

Signaling Protocol

- H.323/SIP
- 256kbps - 2Mbps per call (including contents)

Video Input

- 1 X LG HD PTZ camera
- 1 X RGB port for content sharing

Video Output

- 2 X HDMI video out
- Dual display (1 x video + 1 x content)

Video Codecs and People Video Resolution

- H.263 / H.264 BP / HiP (scheduled support)
- 1280 x 720 (HD)
- 640 x 480 (VGA)
- 352 x 288 (CIF)
- All resolutions are up to 30fps

Content Video Resolution

- 1920 X 1080 (Full HD)
- 1400 X 1050 (SXGA+)
- 1280 X 1024 (SXGA)
- 1280 X 768 (WXGA)
- 1280 X 720 (HD)
- 1024 X 768 (XGA)
- 800 X 600 (SVGA)
- 640 X 480 (VGA)
- All resolutions are up to 30fps

HD 1280 x 720@30 fps Optical 12x PTZ Camera(V5500/V5000)

- HD 1280 x 720@30 fps Optical 7x PTZ Camera(VR5010H)
- Wide horizontal field of view : 6° To 72°(V5500/V5000) / 11° To 72°(VR5010H)
- Range - Pan : +100° ~ -100° / Tilt : +20° ~ -30°
- Lens : x12 optical, F 1.6(wide), 2.3(tele), auto focus(V5500/V5000)
- x7 optical, F 1.6(wide), 2.2(tele), auto focus(VR5010H)
- Exposure : auto iris, AGC, WDR, BLC
- External power support (optional)

Audio Input

- 2 X MicPods supported (3.5mm)

Audio Output

- 1 X RCA

Audio Codecs

- G.711, G.722, G.722.1, G.722.1C(scheduled support)
- Echo cancellation, automatic noise reduction, automatic gain control

Other Supported Standards

- H.323 protocol : H.323, H.224, H.281, H.225, H.245, H.241, H.460
- SIP protocol : RFC 3261, RFC 3262, RFC 3264, RFC 4566, RFC 3407, RFC 2976, RFC 3311, RFC 4028
- RTP payload : RFC 2190, RFC 2833, RFC 3984, RFC 4587, RFC 5459, RFC 6681

Easy GUI

- Setup wizard
- Directory snapshot
- Selective multi-call hang-up
- One-page setup menu
- Snapshot-based camera preset
- Web monitoring / Recording
- Multiple languages supported (14)

Network & QoS

- IPv4
- NAT / Firewall client (H.460)
- Ethernet port and speed : 1 x 10/100/1000M bps
- IP QoS Type : DiffServ, IntServ
- QoS : Dynamic bandwidth
- Forward Error Correction : RaptorQ (RFC6330)

Directory & Address Book

- Speed dial (up to 10) like directory book
- Up to 1,000 local directory entries
- Save, remove redial list features
- LDAP support / H.350 compliant

System Management

- Web-based system management : setup, firmware update, recording, and etc
- SNMP v1/v2 support
- External API through CLI (command line interface)

Security

- Secure password authentication
- Ability to disable HTTP, SSH, and Telnet services
- IEEE 802.1x support
- Kensington Security Slot™ (Codec/Camera)

Power

- AC : 100-240V, 50-60 Hz / DC : 12V @ 5.0A (max 60 watt)

Environmental Data

- Operating temperature : 0°C (32 F) to 40°C (104 F)
- Operating humidity : 15% to 80%, non-condensing
- Storage temperature : -20°C (-4 F) to 60°C (140 F)
- Storage humidity : 15% to 80%, non-condensing

Dimensions (Camera)

- WxDxH(mm) : 215.5mm(W) x 144mm(D) x 154.5mm(H)(V5500/V5000)
- 219.7mm(W) x 149.1mm(D) x 159.7mm(H)(VR5010H)
- Weight : 1.55kg(V5500/V5000) / 1.48kg(VR5010H)

Dimensions (Codec)

- WxDxH(mm) : 185mm(W) x 400mm(D) x 40mm(H) (without stand)
- Weight : 2.3kg (codec only, stand : 1.3kg)

Regulatory Certifications

- KCC, GOST, CE, FCC, C-TICK, MI, CE, uUL, CCC, SASO

