

# Let the LG VCS bring the business world closer together

LG VIDEO CONFERENCE SYSTEM  
V5500/V5000



## SPECIFICATIONS

### System components

- Conference codec, HD PTZ Camera
- Remote Control Unit(RCU) with AAA battery
- MicPod, Cable for Power, HDMI, Camera

### Multi-way Call

- Up to 4 sites(V5500 only)

### Communication

- H.323, SIP

### Video

- Video standard: H.263, H.264BP, H.264 HiP, H.239(for Content)
- Resolution
  - All resolutions at 30 frames per second
  - CIF, SIF, 4CIF, 4SIF
  - HD(1,280 x 720p)

### Camera

- Sensor Type: 3M CMOS
- H / V Resolution Output: 1280 x 720p @ 30fps
- Zoom / Focus: 12x Optical / Auto Focus
- Horizontal Field of View: 6° To 72°

### H.323 and SIP Bandwidth

- 256kbps - 2Mbps per call
- H.264 BP (1024kbps@720p) / H.264 HiP (512kbps@720p)-TBD

### Audio standard

- G.711, G.722, G.722.1/C, G.728, G.729, MPEG4 AAC-LD
- Ring tone
- Full duplex for natural conversations
- Echo cancellation for echo-free calls
- Automatic noise reduction, Automatic gain control
- Highest Audio Quality (Voice): Supports up to 16kHz  
(will soon support up to 32kHz)

### 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

- Content Sharing (H.239)
  - Dual stream(people + content / people + content IP)
  - Resolution Supported: FHD(1920X1080), UXGA(1600X1200), SXGA+(1400X1050), SXGA(1280X1024), HD(1280X720), XGA(1024X768), SVGA(800X600)
  - Output: 720p 30fps
- User Interface
  - Graphic base easy user interface
  - Graphical User Interface Call Manager
  - Snapshot / Thumbnail display
  - Multiple languages supported(14)
- Network
  - IPv4 & IPv6, AES
  - NAT / Firewall Client (H.460)
  - 1 x 10/100/1000M

### QoS

- iP Precedence
- DiffServ (Differentiated Service), IntServ (Integrated Service)
- Adaptive QoS
- Dynamic bandwidth allocation
- Forward Error Correction
- Directory & Address Book
  - Up to 1,000 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
- Recording: Web-based Recording
- Presence: Status list (Buddy List)

### Security

- Secure password authentication
- H.235 (AES) encryption support including strict compliant
- Ability to disable HTTP, SSH and Telnet services
- TLS/SRTP support, IEEE 802.1x support
- Kensington Security Slot™

### Power

- Conference codec: AC Voltage 100-240V, 50-60 Hz, < 2.0A via external power supply
- HD camera: DC 12v @ < 2.0A power

### 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)

- W x D x H: 8.5"(W) x 5.7"(D) x 6.1"(H)
- Weight: 3.42lbs

### Dimensions(CoDEC)

- W x D x H: 7.3"(W) x 15.7"(D) x 1.6"(H) (Without Stand)
- Weight: 5.07lbs (codec only, stand : 2.87lbs)

### Regulatory Certifications

- FCC, cUL/CSA, CE/CB, C-tick, TUV-bauart, CCC, VCCI, PSE, KC, KCC

### Interface

- 1 x RJ-45, 2 x HDMI out
- 1 x D-sub in (Content In), 1 x HDMI in (Camera-People In)
- 2 x Mic. In
- 1 x RCA In, 1 x RCA out
- 1 x DC Power Input, 1 x D-SubToRJ45 (Camera power & control)

### UPC Code

- V5500: 7 19192 58305 4
- V5000: 7 19192 58306 1

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# UPGRADE YOUR BUSINESS WITH MULTIPOINT VIDEO CONFERENCE SYSTEM



LG VIDEO CONFERENCE SYSTEM  
V5500/V5000



 **LG**  
Life's Good

# Realistic Video Conference! Feel as if everyone is right there with you

LG Video Conference System **V5500/V5000**



## 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 during streaming increases communication and productivity.



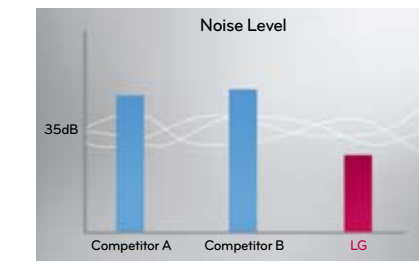
## Low Bandwidth Consumption

V5500/V5000 needs only half of the bandwidth required in other video conference systems. V5500/V5000 delivers high quality video/sounds with low bandwidth. Low bandwidth enables customers to minimize maintenance costs.



## Silent Camera Movement

Silent camera movement at below 35dB. Cameras of V5500/V5000 move smoothly and quietly, not disturbing business communications.



## All-Integrated Remote Control

One Remote Control can access V5500/V5000 and LG TV simultaneously for easy use and for increased synergy effects between LG products.



## User Interface: User Friendly GUI

Preset setup function (Snapshot-based): Users can save preset image as a thumbnail to easily identify which camera position is assigned to a specific position.

