



# Product Specifications – LifeSize® Connections™

## Tangible Components

LifeSize Connections Software Client  
LifeSize Connections Web Administration Console  
LifeSize HD Video System (220 Series, LifeSize Passport, LGExecutive, powered by LifeSize)  
Webcam (not supplied)  
Microphone/headset (not supplied)

## Service Components

9-way video/voice/text/data bridging  
Directory services/addressing  
Firewall/NAT traversal  
Automated deployment/configuration

## Communications

56 Kbps - 3 Mbps configurable asymmetric transmit and receive bandwidths: 56 Kbps, 64 Kbps, 128 Kbps, 256 Kbps, 384 Kbps, 512 Kbps, 768 Kbps, 1024 Kbps, 1536 Kbps, 2048 Kbps, and 3072 Kbps

## Video Features

Continuous presence 9-way HD video  
Video and audio mute  
Full screen  
Resizable window with multiple monitor support  
Picture in picture  
Layout control for dual stream video

## Video Specifications/Resolutions

Support for transmit and receive 720p30, 576p30, 480p30, VGA, and 360p30  
Support for 16:9 and 4:3 aspect ratios  
Auto-bandwidth and resolution tuning with option for manual configuration of transmit and receive bandwidths  
Actual resolution and frame rate depends upon capability of LifeSize HD Video System, PC/Mac configuration, webcam, remote end, and is impacted by the quality of the communications channel. In lower bandwidth environments, audio quality is prioritized over video.

## Video Standards

H.264, H.263, and VPX

## Video Formats

Automatic detection of 4:3 or 16:9 aspect ratios for transmitted and received video

## Data Sharing

Transmit and receive content with other LifeSize HD Video Systems and software clients on the LifeSize Connections service. Share specific applications or your entire desktop.

## Audio Features

High definition audio  
Full duplex for natural conversation  
Echo cancellation and background noise reduction  
Configurable and automatic microphone gain  
In-client speaker and microphone test

## Audio Standards

Siren7, Siren14, SILK, and  $\mu$ -law

## Administration Console Features

Management over LifeSize Connections user accounts and LifeSize HD Video System accounts  
Bandwidth controls with support for default (all users/systems) and specific settings per user/system  
Easy import of new users/systems using .CSV format  
Instant deactivation and/or reassignment of seats  
Reporting in aggregate and by user at Call Data Record level

## Intelligent Networking Features

NAT/Firewall Traversal via integrated LifeSize® Transit™ technology in software client, cloud, and LifeSize endpoints

## Security

Encrypted signaling and all media  
Encryption algorithms: AES128, AES256, 168 3DES, DiffieHellman, and 1048RSA  
Encryption protocols: SSL, TLS, and SRTP

## Directory and Address Book

Directory of all subscribed seats within deployment pushed to all users/systems within deployment automatically

## Management

Centralized provisioning and management via LifeSize Connections Administrator Console (included)  
Soft Client and LifeSize Video Systems automatic provisioning  
Automated user communications

## Recommended Peripherals

### Webcams

Logitech B910 HD Webcam  
Logitech HD Pro Webcam C910 / C615  
Logitech HD Webcam C525 / C510 / C310 / C270

### Headsets

Logitech ClearChat Pro USB  
Logitech Premium Notebook Headset

### USB Speakerphones

Logitech BSP420 USB Speakerphone  
Jabra® SPEAK™ 410  
ClearOne CHAT™ 50, 100

## Additional Software Client Features

Infinite guest user invite  
1:1 and multi-way text messaging  
Account specific contact list  
Presence management  
Auto answer  
Block calls from specific users  
Missed call and new contact notifications  
Display name and user defined picom

## Supported LifeSize HD Video Systems

Express 220, Team 220, Room 220, Passport, Passport Connect, and LG Executive running latest software

## Minimum PC/Mac Requirements

### Supported Operating Systems

Windows 7, Windows® Vista 32 and 64 bit, Windows® XP 32 bit with SP2, SP3  
Mac OS X 10.6 and higher

### CPU

PC/Mac: Intel Core 2 Duo 2.4 Ghz or higher (lower CPU will result in reduced performances)

### Memory

1 GB minimum

### Storage

60 MB available hard drive space