

LifeSize[®] Softphone[™]

LifeSize Softphone is the most advanced desktop software for professional quality video collaboration.

Making Universal Video Collaboration Accessible for Anyone, Anywhere

LifeSize Softphone has Full HD support, a simple, easy-to-use interface and advanced media encryption, which enable remote and mobile PC and Mac users to work collaboratively in a completely secure environment.

In today's fast-paced world, real-time communication has never been more essential to survival for businesses where increased collaboration and productivity are critical. With more and more people working from remote locations such as home offices, hotel rooms or on the road, it has never been more important for workers to stay connected.

LifeSize Softphone extends the HD video collaboration experience to mobile PC and Mac users, enabling workers to participate in HD video calls from the convenience of their computers, wherever they are located.

A Superior HD Video Experience for Universal Video Collaboration

LifeSize Softphone is the most advanced stand-alone desktop software, enabling professional, Full HD video calls at 1080p for realistic, true-to-life video collaboration. Powerful collaboration tools such as real-time data sharing, multiparty calling and record and export capabilities promote instant group collaboration and extend HD video throughout the organization.

Intuitive, Easy-to-Use Interface

LifeSize Softphone provides superior contact management with a user-friendly directory for click-to-call dialing, and built-in call management lets users place up to two calls on hold or transfer them to continue communication.

LifeSize Softphone is an open and interoperable, standards-based solution that enables HD video collaboration to anyone, anywhere.



LifeSize Softphone Key Features

HD Video Quality Full HD (1080p) video with natural, full-motion video up to 2 Mbps

Multiparty Calling

Connect up to three participants on each call without external equipment

Open and Interoperable

Standards-based, endpoint agnostic; connects to any H.323/SIP device

Operating Systems

Windows and Mac OS X

Data Sharing

H.239 data collaboration with desktop video sharing mode

In-Call Features

Call recording, playback and export to WMV or MOV format

Security

Support for DTLS-SRTP media encryption for SIP

Audio Quality

Crystal clear audio with acoustic echo canceller

Product Specifications

System Components

LifeSize Softphone Software
Webcam (not supplied)
Microphone/Headset (not supplied)

Communications

H.323, Compliant with ITU-T H.323v4, H.225v13
SIP, RFC compliancy: RFC-2396, RFC-2543, RFC-2617,
RFC-2822, RFC-2833, RFC-2976, RFC-3260, RFC-3261,
RFC-3264, RFC-3265, RFC-3311, RFC-3420, RFC-3428,
RFC-3515, RFC-3581, RFC-3550, RFC-3856, RFC-3859,
RFC-3860, RFC-3863, RFC-3891, RFC-3960, RFC-3984,
RFC-4488, RFC-4961, RFC-5168

Video Standards

H.261, H.263, H.263+, H.264

Video Specifications/Video Resolutions

H.264: 1080p, 720p, 4CIF, CIF, QCIF, SQCIF @ 30 fps max
Up to 2 Mbps in High Definition (1920x1080)
In-band dynamic video format changes
Automatic "quality vs. CPU load" dynamic adjustment

H.263, H.263+: 4CIF, CIF, QCIF, SQCIF @ 30 fps max
Half-Pel Motion Estimation
TMN-9 rate control
In-band dynamic video format changes
Automatic "quality vs. CPU load" dynamic adjustment

H.261: CIF, QCIF @ 30 fps max
Up to 2 Mbps
Loop-Filter
Automatic "quality vs. CPU load" dynamic adjustment

Data Sharing

H.239 presentation up to 1280x768 (emulated in SIP with
RFC-4796):
Multiple monitors support
Transmit an application window or the entire desktop as
a separate real-time video stream (speaker live stream is
still visible)
4x high-quality anti-aliasing

Video-sharing mode when H.239 is not available:
Use the standard video channel to send the presentation
instead of the speaker live stream
Compatible with all endpoints supporting video calls

Audio Standards and Features

G.711 μ -law, A-law
G.722.1 Annex-C (Polycom® Siren14™, 32 KHz super wide-
band)
Full duplex, high-quality Acoustic Echo Canceller
Full duplex Audio Denoise Filter with automatic noise level
detection

Networking Features

Automatic bandwidth control, adaptive to network
condition
Support asymmetric input/output bandwidths, up to 2
Mbps RX + 2 Mbps TX
Configurable port ranges for signaling and media
protocols
Static NAT support
Multiple IP system support
Available automatic or manual IP address selection
Configurable DIFFSERV code

Security

Support for DTLS-SRTP Media Encryption for SIP

User Interface

Single file quick installer (~10 MB)
No kernel drivers, no reboot needed
Simple interface, intuitive to the non-technical user
Resizable GUI
Web integration (click on a link to call)
Address book with presence indication
Calls list (quick switch to All, Incoming, Outgoing, Missed)
Automatic update over Internet
Extensive logging providing detailed user problem
reports
Real-time graphical statistics for quick problem diagnosis
Support for multiple languages (English, Italian, German,
Spanish)
Call recording, playback and export in Windows Media
Video (WMV) or Quicktime (MOV) format

Call Control

2 independent lines
Call hold and call transfer
3-party continuous presence multiconference without
external equipment
Call control (H.450.2)
Far-end camera control (H.224 + H.281)
Call party by E.164 number, H.323 alias or IP (no
gatekeeper required)
Gatekeeper auto-discovery and automatic re-registration

LifeSize® Softphone™

Recommended Peripherals

Webcams

Logitech HD Pro C910
Logitech HD Pro C510

Headsets

Logitech ClearChat Pro USB
Logitech Premium Notebook Headset

USB Speakerphones

ClearOne CHAT™ 50, 100

Minimum Requirements

Operating System:
Windows XP/2003/Vista/7 (including 64 bit versions),
DirectX 9.0c or higher
Mac OS X 10.5 Leopard or higher
P4@2.0 Ghz (audio/high-res video calls)
Core 2 Duo class, 2.33 GHz (H264, 720p video calls)
Core 2 Quad class, 2.66 GHz (H264, 1080p video calls)
1 GB RAM (2 GB recommended on Vista) and 30 Mb hard-
disk space