

Making Universal Video Collaboration Accessible for Anyone, Anywhere

LifeSize® Softphone™

LifeSize Softphone is the most advanced desktop software for professional-quality video collaboration. LifeSize Softphone has Full HD support, a simple, easy-to-use interface and powerful media encryption, which enable remote and mobile PC and Mac users to work together in a completely secure environment.

In today's fast-paced world, real-time communication is 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 is essential that workers 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 enables professional, Full HD video calls at 1080p for realistic, true-to-life video interaction. Powerful tools such as real-time data sharing 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.

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



LifeSize Softphone At-a-Glance

HD Video Quality	Full HD (1080p) video with natural, full-motion video up to 2 Mbps
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	SIP and H.323 encryption with AES
Audio Quality	Crystal clear audio with acoustic echo canceller
NAT/Firewall Traversal	Integration with LifeSize® UVC Transit™

System Components

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

Communications

H.323, Compliant with ITU-T H.323v4, H.225v13, H.235
 SIP, RFC compliancy: RFC-2396, RFC-2543, RFC-2617,
 RFC-2822, RFC-2833, RFC-2976, RFC-3260, RFC-3261,
 RFC-3263, RFC-3264, RFC-3265, RFC-3311, RFC-3420,
 RFC-3428, RFC-3515, RFC-3581, RFC-3550, RFC-3711,
 RFC-3856, RFC-3859, RFC-3860, RFC-3863, RFC-3891,
 RFC-3960, RFC-3984, RFC-4346, RFC-4347, RFC-4566,
 RFC-4572, RFC-4585, RFC-4488, RFC-4961, RFC-5104,
 RFC-5168, RFC-5506, RFC-5577, RFC-5763, RFC-5764,
 RFC-5939

Registers to H.323 gatekeepers and SIP registrars

Video Standards

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

Video Specifications/Video Resolutions

H.264: up to 1080p30 and 720p60 (60 fps receiving only); up to 4 Mbps

H.263, H.263+: up to 4CIF @ 30 fps max

Half-pel motion estimation

TMN-9 rate control

Automatic "quality vs. CPU load" dynamic adjustment

Data Sharing

H.239 presentation up to 1280x768 (emulated in SIP with RFC-4796): 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

Desktop 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), G.722.1 (Polycom® Siren7™, 16 KHz wide-band)

Full duplex, high-quality acoustic echo canceller with audio denoise filter

Networking Features

Automatic bandwidth control, adaptive to network conditions

Support asymmetric input/output bandwidths, up to 4 Mbps RX + 4 Mbps TX

Configurable port ranges for signaling and media protocols

Integration with LifeSize UVC Transit

Static NAT support

Multiple IP system support

Available automatic or manual IP address selection

Adaptive low-latency packet-loss recovery

Security

Support for H.235 media encryption for H.323

Support for DTLS-SRTP media encryption for SIP

Support SIP over TLS

User Interface

Single file quick installer (~30 MB)

No kernel drivers, no reboot needed

Automatic update over Internet

Simple interface, intuitive to the nontechnical user

Resizable GUI

Address book

Calls list (quick switch to All, Incoming, Outgoing, Missed)

Real-time graphical statistics for quick problem diagnosis

Call recording, playback and export in Windows Media Video (WMV) or Quicktime (MOV) format

Languages supported: English, Russian, German, Spanish, French, Italian, Simplified Chinese, Traditional Chinese, Japanese, Korean

Web integration (click on a link to call)

Call Control

Far-end camera control (H.224 + H.281)

Call party by SIP URI, E.164 number, H.323 alias or IP (no gatekeeper or registrar required)

Gatekeeper automatic reregistration

Recommended Peripherals

Webcams

Logitech HD Pro C920

Logitech HD Pro C910

Logitech HD Pro C510

Logitech for Business HD B990

Logitech for Business HD B910

Headsets

Logitech BH870 Bluetooth Headset

Logitech ClearChat Pro USB (H530)

Logitech Premium Notebook Headset

USB Speakerphones

Logitech BSP420 USB Speakerphone

ClearOne CHAT™ 50, 100

Minimum Requirements

Windows XP/2003/Vista/7 (including 64-bit versions)

DirectX 9.0c or higher

Mac OS X 10.5 Leopard or higher

Any x86 CPU with SSE2 instructions (audio/high-res video calls); Core 2 Duo class, 2.33 GHz (H.264, 720p video calls); Core 2 Quad class, 2.66 GHz (H.264, 1080p video calls);

1 GB RAM and 30 MB hard-disk space

Need more than a stand-alone desktop client?

Take a look at LifeSize UVC ClearSea, an enterprise-class client/server solution for desktop and mobile video collaboration that's simple to deploy and scale across the enterprise. Designed for organizations that need to deploy HD video communication to tens, hundreds or broadly to even thousands of users, LifeSize UVC ClearSea provides a flexible, fully manageable, interoperable solution for instantly connecting any desktop and mobile device to the meeting room.



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Delivering the Ultimate Communication Experience

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