Video Conferencing that Goes Where You Go

LifeSize® UVC ClearSea™

Increase collaboration and maximize productivity in your organization by delivering a truly connected video experience to every worker, in every location and on every device.

Collaborate with Anyone, Anywhere, on Any Device

LifeSize UVC ClearSea provides a simple and flexible solution for instantly connecting any desktop or mobile device to one another and to the meeting room. And now, with unlimited user accounts, you can extend video calling throughout your organization.

Powerful collaboration tools, such as presence and text chat, content sharing, live call transfer and a ring-all feature, ensure that workers can connect faster and easier than ever before. When you need to connect via video with people outside your organization, you can use the convenient and easy invite-a-guest feature. Connect with multiple people at the same time through LifeSize UVC ClearSea configured with LifeSize® UVC Multipoint™. Together, these applications allow you to seamlessly invite new participants into your LifeSize UVC ClearSea call* and instantly go from a person-to-person call to a group call.

LifeSize UVC ClearSea also comes with built-in NAT/firewall traversal and embedded encryption for secure video collaboration, a unified directory for easy dialing, and gatekeeping capabilities with a powerful call routing engine.

LifeSize® UVC Platform™

LifeSize UVC ClearSea is part of the LifeSize UVC Platform, the simplest, most flexible way to deploy and manage video infrastructure. For a free 30-day trial of LifeSize UVC ClearSea or any LifeSize UVC application, visit the LifeSize website.

LifeSize UVC ClearSea At-a-Glance

Unlimited User Accounts	Mobile video for everyone in your organization—and up to 5 devices per user
Invite-a-Guest	Connect via video with anyone outside your organization, including customers, partners and suppliers
Unmatched BYOD Support	Support for PC, Mac and over 50 iOS and Android devices with optimized clients
Ring All	Reach any user on multiple devices (phone, laptop & room system) with one touch
Live Call Transfer	Simply transfer your call from one device to another
Unified Directory	Enable all users to view one unified directory on all devices
Multiparty Call Escalation*	Seamlessly invite new participants into your call by clicking on a contact name
Advanced Call Routing (gatekeeper)	Create simplified dialing plans and custom routing rules to control how calls are handled
HD Video Quality	Up to 1080p for PC/Mac, 720p for mobile devices
Flexible Licensing	Scale as your needs grow

* Multiparty calling is available through LifeSize UVC Multipoint, sold separately.

LifeSize UVC ClearSea Server Software:

System Components

Delivered via LifeSize UVC Platform:

- Rack-mountable LifeSize UVC hardware options
- LifeSize UVC virtual machine software (VMware® or Microsoft® Hyper-V®)

Based on security-hardened Linux® OS

Available as Standard Edition

Flexible Licensing

Ability to increase capacity one port at a time

Free trial: Up to 10 ports and unlimited user accounts

Protocols

H.323, SIP

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

Supports registration of H.323 and SIP devices

Video Performance

Up to 1080p30, up to 2 Mbps on desktop

Presentation Standards & Protocols

H.239

Security

H.323/SIP encryption with AES

HTTPS secure management

System Management

Web-based configuration

Support for REST API

Additional Features

Unlimited user accounts

Unlimited guest invitations with invite-a-guest feature

Ring-all feature with up to 5 registered devices per user

Unified directory across mobiles, desktops and endpoints

Multiparty call escalation through LifeSize UVC Multipoint or LifeSize® Bridge™, sold separately

Advanced call routing

Dual home support LAN & WAN

Record and stream to LifeSize® UVC Video Center™, sold separately

LifeSize UVC Virtual Machine, Capacity, Hardware Configuration, Storage & Environmental Data

Please refer to the LifeSize UVC applications datasheet for details.

Client for LifeSize UVC ClearSea: Windows and Mac OS X

Video Standards

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

Video Specifications/Video Resolutions

Supports multiple resolutions up to 1080p30 and 720p60 (receiving only)—self-adapting depending on available CPU cores

Audio Standards and Features

G.722.1 Annex-C (Polycom® Siren14™), G.722.1 (Polycom® Siren7™, 16 KHz wide-band), G.711 μ-law, A-law

Full-duplex acoustic echo canceller with audio denoise filter

Additional Features

H.239 presentation (up to 1280x768), video sharing

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

Live call transfer—move call from one device to another

H.323/SIP encryption with AES

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

Instant messaging and presence

Send in-band or out-of-band DTMF

Automatic bandwidth control, adaptive to network conditions

Adaptive low-latency packet-loss recovery

Supports asymmetric input/output bandwidths (e.g., ADSL)

Minimum System Requirements

Windows XP/2003/Vista/7/8 (including 64-bit versions), DirectX 9.0c or higher

Mac OS X 10.6 Snow 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

Client for LifeSize UVC ClearSea: Mobile Devices

Features

Address book, call history, privacy mode switch

Instant messaging and presence

Live call transfer—move call from one device to another

Send DTMF in-band or out-of-band

H.224, H.281 (FECC)

H.239 presentation

H.323/SIP encryption with AES

Video

H.264 decode HD 720p 30fps on iPhone® 5, iPhone® 5s, iPad® with Retina display, iPad® Air, HTC One S, HTC One X, Samsung Galaxy Tab 10.1, Google Nexus 10, Motorola Xoom and Acer Iconia

H.264 decode HD 720p 15 fps on iPhone® 4S, iPod Touch® 5th generation, iPad® 2, iPad® 3rd generation, iPad® Mini

H.264 decode qHD on selected Android devices

H.264 encode/decode up to CIF resolution (352x288) 30 fps on selected Android devices

H.263+ encode/decode up to CIF resolution (352x288) 30 fps on all other supported devices

Audio

G.711 μ-law, A-law

Recommended Devices

Android™: HTC EVO™, Desire™ HD, Incredible, Sensation, myTouch® 4G, Droid Incredible II, ThunderBolt, Flyer P512, Evo 3D, One X, One S/Samsung Epic™, Galaxy S, Galaxy S II, Galaxy S III, Galaxy S4, Galaxy Tab, Galaxy Tab 2, Galaxy Tab 10.1, Captivate™, Fascinate™, Vibrant™, Mesmerize, Galaxy Note, Galaxy Note 2, Sidekick 4G, Infuse 4G, Droid Charge, Conquer, Google Nexus One, Nexus S, Galaxy Nexus, Nexus 7, Nexus 10/Dell Streak 5, Streak 7/Motorola Atrix 4G, Xoom, Droid Bionic/ Acer Iconia Tab A500/Amazon Kindle Fire HD 7, Kindle Fire HD 8.9. This list includes only the certified devices; other Android devices might work with LifeSize UVC ClearSea.

iOS: iPhone® 5s, iPhone® 5, iPhone® 4S, iPhone® 4, iPod touch® 4th and 5th generation, iPad® Air, iPad® with Retina display, iPad® Mini, iPad 3rd generation, iPad™ 2, iPad™ and iPhone® 3GS (iPad™ has no video camera, so only remote-party video is shown if available; iPhone® 3GS uses the back camera).

Windows: Microsoft Surface Pro

For the latest list of recommended devices please refer to www.lifesize.com/clearsea

Virtualization Support

Microsoft® Hyper-V®

vmware® READY

Headquarters
Austin, Texas, USA
+1 512 347 9300
Toll Free US +1 877 543 3749

EMEA Regional Office
Munich, Germany
+49 89 20 70 76 0
Toll Free Europe +00 8000 999 09 799

www.lifesize.com
E-mail info@lifesize.com

APAC Regional Office
Singapore
+65 6303 8370

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Delivering the Ultimate Communication Experience

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