

Be Everywhere. Live or On Demand.

LifeSize® UVC Video Center™



LifeSize UVC Video Center is the world's most powerful one-button HD streaming, recording and auto-publishing solution. With the simple push of a button, users can record and share executive updates, business presentations, sales meetings and training sessions as well as share data, charts and images.*

Live and on-demand videos are automatically optimized for every viewer—desktop, laptop, tablet or phone—thus ensuring a quality viewing experience with minimal delays or buffering.

Frustration-Free Streaming and Recording

LifeSize UVC Video Center makes life easier for IT administrators, who can allow authors to auto-publish video content. It supports an unrivaled number of concurrent recordings, on-demand video streams and simultaneous live streams, up to 720p30 HD video. Thanks to features such as multicasting and federation, users can not only broadcast and record videos at the press of one button but can also reach even broader audiences in more places without stressing the organization's network or budget.

Collaboration Made Simple

Integration with Active Directory simplifies user and group management, and a built-in reporting feature gives insight into user viewing patterns. Users can also add chapters and closed captions to their videos or embed them in websites and social media tools. In addition, LifeSize UVC Video Center offers API support for integration with third-party applications and a plug-in for Blackboard Learn™, the leading learning management system in higher education.

LifeSize® UVC Platform™

LifeSize UVC Video Center is part of the LifeSize UVC Platform, the simplest, most flexible way to get your video infrastructure up and running. For a free 30-day trial of LifeSize UVC Video Center or any LifeSize UVC application, visit the [LifeSize website](#).



LifeSize UVC Video Center Enterprise Edition At-a-Glance

Streams to More Devices	View from any computer (Mac® or PC), iPhone® or iPad®
SIP Dial-in	Record up to 720p30 HD from any SIP device
Streaming across LifeSize UVC Video Centers	Add scale and conserve bandwidth by federating multiple LifeSize UVC Video Centers
Interactive Communications	Share information via live chat or comments
Highly Scalable	Utilize multicasting to expand streaming capacity and save bandwidth costs
User-Controlled Layout	Easily switch between layouts during playback
Customizable User Interface (UI)	Add branding elements to UI
Administrator Controls	Active Directory, reporting features, NAS, REST API
Closed Captions	Create or upload subtitles
Flexible Licensing	Scale as your needs grow

*Applicable with LifeSize® Icon™, LifeSize® 220s™ and LifeSize® Unity 50™.

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 Enterprise Edition

IPv6 support

Compatibility

Record video and data from: LifeSize Icon Series, LifeSize 220 Series with 4.6 or newer software, LifeSize Unity 50 with 4.10.2 or newer software, and non-LifeSize video systems using SIP*

Playback on Windows®-based, Linux-based and Mac computers, iOS devices

Major web browsers supported

Flexible Licensing

Ability to increase recording and streaming capacity

Supports up to 20 HD recordings (LifeSize 220 Series and LifeSize Icon Series)

Supports up to 2,000 HD live streams (through NIC bonding)

Free trial: Enterprise Edition, up to 5 simultaneous HD recordings, 250 HD live streams

Supported Uses

Record/stream outside of a call, point-to-point or multipoint calls

Stream to mobile devices

Capture call participants with primary and secondary video

Single-button recording

On-the-fly transcoding to lower bitrate for live streaming

Archive, import up to 1080p30 HD videos

Embed videos into web pages

Recording Capabilities

Record audio, video and data

Dynamically capture video and data; no preconfiguration

Recording bitrate dynamically adjusts to network traffic

Capture near-end video, far-end video or both (applies to LifeSize Icon Series and LifeSize 220 Series endpoints)

Auto-publishing support with a recording key

Recording indicator is visible only during the live call, not in recording (available for LifeSize Icon Series and LifeSize 220 Series endpoints)

Recording key-based authorization

IVR for PIN entry during SIP-based recording

Supports audio- and data-only streaming

Supports BFCP for presentation streams in SIP-based recordings

Supports lost packet recovery for video streams

API (Application Programming Interface)

Seamlessly integrate LifeSize UVC Video Center with external systems using REST APIs

Authentication support and highly scalable

Reporting

Access reports to track viewing patterns

Download raw CSV data per video to build custom reports

Schedule reports

Storage

Large internal storage for HD videos (1 TB in UVC appliance)

MD RAID 10

Further extend storage available for videos using network attached storage (NAS)—NFS and CIFS/SMB

Auto-Publishing

Automatically attaches titles and tags recordings, files them to the proper channel, assigns access privileges and publishes videos to the web

Streaming Capabilities

Supports up to 2,000 live 720p30 HD viewers

Streams up to 1080p30

Supports up to 350 on-demand 720p30 HD viewers

Live streaming—unicast and multicast

On-demand streaming (unicast)

Secure streaming support—RTMPS

Supports RTMP tunneling over port 80—RTMPT

Instantly available on-demand videos

Stream videos to iPad/iPhone/iPod devices

Fixed layouts while streaming video and data to mobile devices

Static-streaming URLs

Dynamic user-controlled playback layout on PC and Mac: side-by-side, picture-in-picture, video focus, data focus

Automatic adaptive bitrate streaming for best user experience

Scalable streaming through NIC bonding

Video & Audio Format

High Definition, 16:9 aspect ratio

H.264 video, AAC-LC and G.711 audio

Chat

Real-time text chat, scales up to 1,000+ participants

Closed Captions (CC)

Create or upload subtitles in multiple languages

PC, Mac and iOS players support CC text display

Search through subtitles

Content Management

Multilingual web user interface (10 languages)

Supports video metadata, comments and downloads

Edit thumbnails and attach files to video page

Advanced search

Add chapters to video timeline

Supports fixed URLs

Federation

Minimizes bandwidth utilization between sites for live videos

Easily share content across multiple distributed LifeSize UVC Video Centers

Enables predictable bandwidth planning and scalable WAN streaming

Seamless to remote viewers

Monitor videos streamed to subscriber nodes

Multicasting

Supports large-scale live streaming, one-time configuration

Admin-selected multicast layout option

User Access Control

Security-based profiles and permissions

Users see only videos they have privileges to access

Recording key prevents unauthorized recordings

System Management

Incremental FTP/NAS backup

Supports static NAT deployment under section "System Management"

Registers to SIP registrars to enable click-to-record

Allows admin to monitor or terminate ongoing recording and streaming session

Supports local and corporate LDAP directory users/groups

Supports offline transcodes

Factory reset

Full and partial restore facility

Management support—LifeSize® Control™ and LifeSize® UVC Manager™

Integration with Blackboard Learn

Integration with Blackboard Learn ver 9.1 or later

Allows viewing of live or on-demand videos from the Blackboard Learn web UI

Adheres to permissions defined on Blackboard Learn

Integration with VBrick®

Integration with VBrick Enterprise Media System (VEMS) v5.4 or later

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

Please refer to the LifeSize UVC applications datasheet for details.

* Refer to the latest software release notes for a list of non-LifeSize devices supported.

Performance & Capacity (Using LifeSize UVC Hardware Appliance)

Bitrate	Resolution	Concurrent Recordings †	Live Viewers ††	On-Demand Viewers	Hours of Storage (on 1 TB disk)
768 Kbps	720p30	20	2,000	350	2,600
384 Kbps	480p30	40	4,000	400	5,200
270 Kbps	360p30	50+	5,000	450	7,800

Each of the above concurrent recordings/live viewers/on-demand viewers are independent numbers. Presentation stream was not part of the recorded stream. Data is based on LifeSize internal testing, using LifeSize 220s.

† Data presented requires 20 recording licenses or more. Under 20 licenses, concurrent recording and viewers are fixed at any bitrate. †† Through NIC bonding on LifeSize UVC hardware and VMware

Virtualization Support



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Delivering the Ultimate Communication Experience

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