

LifeSize Video Center delivers powerful one button HD streaming, recording and auto-publishing, in one single appliance

LifeSize Video Center. Be Everywhere. Live...or On Demand.

LifeSize[®] Video Center is the world's most powerful one button HD streaming, recording and auto-publishing solution. Share knowledge and communicate business-critical information via video, audio and data streaming. This single appliance solution ensures that live and on-demand videos are easily accessible for universal video collaboration from any location and on more devices—including the iPhone[®], iPad[®] and iPod[®].

Superior Broadcast Capabilities

LifeSize Video Center supports an unrivaled number of concurrent recordings, on-demand streams and simultaneous live streams, all in 720p30 HD video. Record and broadcast executive updates, business presentations, sales meetings, training sessions, data or diagrams to anywhere in the world. When integrated with LifeSize video conferencing systems, LifeSize Video Center can stream HD-quality video to hundreds of viewers in any location with the simple push of a single button

A Better View

With automatic adaptive streaming, live and on-demand videos are optimized for every viewer—desktop, laptop, tablet or phone. The viewing device automatically selects the best playback rate based on bandwidth conditions, thus ensuring a quality viewing experience with minimal delays or buffering.

Enterprise Solutions without Headaches

LifeSize Video Center makes life easier for IT administrators, who can add users and create recording keys so that authors can auto-publish content independently. Integration with Active Directory simplifies user and group management, and a built-in reporting feature gives insight into user viewing patterns.

In addition, LifeSize Video Center scales to enterprise needs through support for NAS (Network Attached Storage), expanding storage capacity and centralizing video asset management. LifeSize Video Center also offers API support for integration with third-party applications, including Learning Management Systems.

*Applicable for LifeSize[®] 220[™] series systems, LGExecutive, powered by LifeSize[®], and LifeSize[®] Passport[™]

LifeSize[®] Video Center



LifeSize Video Center Key Features

Push-Button Recording	Record and auto-publish from LifeSize endpoints with one button*		
Auto-Publish Capability	Organize content automatically via recording keys		
Streams to More Devices	View from any computer, iPhone®, iPad® or iPod®		
Automatic Adaptive Streaming	Enjoy optimized playback from any device		
User Controlled Layout	Easily switch between layouts during playback		
Flexibility	Live stream and record. Embed videos into other websites		
Customizable UI	Adapt UI to support branding		
Unrivaled Performance	Support unmatched number of live and on-demand streams		
Administrator Control	Manage Active Directory, reporting features, network storage, API		
Open & Interoperable	Fully supported API with integration to VBrick Systems		



Product Specifications

System Components

LifeSize Video Center appliance Faceplate key Power cord

Compatibility

Record video and data from any LifeSize® 220™ series endpoint with 4.6 or newer software

Record video and data from LifeSize® Passport[™] and LG Executive, powered by Lifesize®, out of call only, with 4.8 or newer software

Record video and data from LifeSize non-220 series endpoint or non-LifeSize endpoint using SIP dial-out from LifeSize Video Center³

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

- Web browsers supported:
- IE 7/8, FF 3.5 or newer, Chrome 1.2 or newer, Safari 5.0

Supported Uses

Record/stream outside of a call

Record/stream point-to-point or multipoint calls Record/stream to mobile devices Capture all call participants independently

Capture both primary and secondary video

Single button recording

Ad-hoc recording, live streaming and on-demand playback On-the-fly transcode to multiple bitrates for live streaming Archiving, import HD videos

Embed videos into web pages

Third-party integration

Recording Capabilities

Records audio, video (up to 720p30) and data Dynamically captures video and data, no preconfiguring is required

Auto down-speed recording bitrate (to minimize packet loss)

Capture near-end video, far-end video or both (Applies to LifeSize 220 series endpoints)

Auto-publishing support with a recording key

Recording indicator overlay is only visible during the live call, not present in the recorded video (Available for LifeSize 220 series endpoints)

Recording Keys

Prevents unauthorized use of the system and enables autopublish capabilities

Support for thousands of recording keys, each carrying specific attributes for the videos created:

Title, Description, Channel, Author, Tags, Access Permissions, Video Quality, Bitrate

Create, modify and delete recording keys

Administrator option to enable/disable recording keys Configurable key length, 3–10 digits

Active Directory / LDAP Integration

Seamlessly integrate into any LDAP server. Allow administrators to leverage simplified and centralized user and group management

Performance and Capacity ¹						
Bitrate	Resolution ²	Hours of Storage	Concurrent Recordings	Live Viewers	On-Demand Viewers	
768 Kbps	720p30	2600	20	1000	350	
400 Kbps	480p30	5200	40	2000	400	
270 Kbps	360p30	7800	50+	2500	450	



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Content Publisher Tools

Video dashboard:

- Modify video properties
- Delete video

API (Application Programming Interface)

systems

Reporting

UI Storage

Administrator controlled

Attached Storage (NAS)

Auto-Publishing

Support for NFS and CIFS/SMB

publishes videos to the web

Streaming Capabilities

data to mobile devices

Video and Audio Format

H.264 video, AAC-LC audio

Content Management

Video metadata includes:

Thumbnail

Recent and featured videos

Featured videos carousel

Attach files to a video page

User comments

Ability to trim start and end points

Video download for offline playback

Multilingual web user interface

Organize content by channels

Flash Video Player

Focus

experience

High Definition, 16:9 aspect ratio

Live and on-demand streaming (Unicast)

Up to 350 on-demand 720p30 HD viewers

Stream videos to iPad®/iPhone®/iPod® devices

Dynamic user controlled playback layout on PC:

Synchronized video, audio, and data playback

Play, pause, forward, rewind, volume, full screen

Automatic adaptive bitrate streaming for best user

Title, Description, Author, Tags, Date, Video

Side-by-Side, Picture-in-Picture, Video Focus, Data

Up to 1000 live 720p30 HD viewers

Lightweight and highly scalable

Seamlessly integrate LifeSize Video Center with external

Allow administrators to access rich built-in reports to track

view counts and viewing patterns among others

Download raw data per video to build custom reports

Large internal storage for HD videos (1 TB on-board)

Automatically attaches titles and tags recordings, files

them to the proper channel, assigns access privileges and

On-demand videos are instantly available after recording

Support for different layouts while streaming video and

Further extend storage available for videos using Network

- Comments dashboard:
 - Notification of new comments

 Add, delete, or reply to comments View/create/modify recording keys Manage profile

Advanced Search Tool

Searches for both exact matches and variants of the search form and returns results by relevance and date Searches titles, authors, tags and descriptions

LifeSize[®] Video Center

User Access Control

Security-based profiles include administrator, content creator, authorized viewer, and anonymous viewer Define video access by individual user and group Users only see videos they have privileges to access Recording key prevents unauthorized recordings Locking faceplate bezel

System Management

Incremental FTP backup Firmware update tool Enable/disable video download capability Enable/disable user comments Support for bulk operations on recordings Allow admin to monitor or even terminate ongoing recording and streaming session Enable/disable user recording keys Support for local users and groups along with users and groups from corporate LDAP directory Support for offline transcodes

Power

AC Voltage: 100-240V, 50-60 Hz, 5A max

Hardware Configuration

Rack mountable (1U) Dimensions: 17.2"W x 1.7"H x 19.8"D Dual GigE Network Adapters, 2 X RJ-45 Redundant hard drives, RAID 1

Environmental Data

Operating temperature: 10°C (50°F) to 35°C (95°F) Operating humidity: 20% to 95%, non-condensing Storage temperature: -40°C (-40°F) to 70°C (158°F) Storage humidity: 5% to 95%, non-condensing Weight: 17.2 kg (38 lbs)

Brand and Model Number: LifeSize® Video Center 2200

Integration to VBrick®

LifeSize Video Center version 1.2 or later supports integration with VBrick Enterprise Media System (VEMS) version 5.4 or later, enabling access to advanced VBrick capabilities

¹ Note on Performance and Capacity table:

- a. The concurrent recordings/live viewers/on-demand viewers are independent numbers
- Presentation stream was not part of the recorded stream tested b. for concurrent recordings/live viewers/on-demand viewers
- c. Based on LifeSize internal testing using LifeSize 220 series endpoints

² Resolutions listed are for LifeSize 220 series endpoints only. For LGExecutive, powered by Lifesize and LifeSize Passport, reference their respective data sheets for resolutions and corresponding bitrates.

*Refer to the latest software release notes for list of non-Lifesize devices supported

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