LifeSize

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LifeSize® UVC Platform™

Virtualized. Integrated. Video infrastructure for ultimate control and flexibility.

The LifeSize UVC Platform is an integrated software platform that consolidates multiple products and makes them instantly available from one common interface. For those who require absolute control and flexibility, UVC is the future—the technology that drives a more efficient way to manage and deploy video infrastructure to fit any IT environment.

Multiple Applications Integrated on a Single Platform

With the LifeSize UVC Platform, you no longer have to purchase, ship, install and provision separate, single-purpose hardware devices. All UVC applications are integrated and instantly available on the LifeSize UVC Platform. Select one or select them all.

HD Video Infrastructure That Does More

Unlike fixed-capacity video infrastructure products, UVC applications offer greater customization, more control and enormous flexibility—to a level never before experienced in the video conferencing industry.

▶ **CHOOSE A DEPLOYMENT MODEL**
  • LifeSize UVC virtual machine software (running on your own servers)
  • LifeSize UVC hardware (with the UVC Platform pre installed)

▶ **CHOOSE YOUR CAPACITY**
  • Entry-level pricing to fit every need and budget
  • Flexible licensing lets you expand capacity as your needs grow
  • Buy only what you need and never overpurchase
  • Scale from tens to thousands of users

▶ **CHOOSE A FEATURE EDITION**
  • Standard Edition
  • Enterprise Edition: Feature-rich for maximum capabilities*

Try Before You Buy

Today, you can easily evaluate all LifeSize UVC applications via a free feature-rich trial. The trial can be activated from the LifeSize UVC Platform, available as a free virtual machine software download on the LifeSize website or when you purchase a LifeSize UVC hardware appliance.

UVC Applications

Video streaming & recording
LifeSize® UVC Video Center™

Firewall/NAT traversal server
LifeSize® UVC Transit™ Server
Firewall/NAT traversal proxy
LifeSize® UVC Transit™ Client

IP routing & call control (gatekeeper)
LifeSize® UVC Access™

HD video calls with Microsoft® Lync™
LifeSize® UVC Video Engine™ for Microsoft® Lync™

Flexible multiparty video calling solution
LifeSize® UVC Multipoint™

Key Benefits

» **Integrated platform**—Efficiencies in time, resources, space, energy and costs

» **Virtualized software or hardware appliance**—Flexible deployment to fit every IT environment

» **One UI, one login account**—Greatly simplifies management and administration: configure once, benefit across applications

» **Free trial**—Try any UVC application before you buy

» **Flexible licensing**—Pay for only what you need; scale as you grow

» **Standard or Enterprise features**—Pay for only the features you need today

» **Standards-based and interoperable**—Investment protection and easy integration with existing video endpoints and infrastructure

* Enterprise Edition is currently available for LifeSize UVC Video Center with rollout to other products coming soon. Check the LifeSize website for updates.

Deployment Options

LifeSize UVC Platform virtual machine software (free download)
Rack-mountable LifeSize® UVC 1100 hardware appliance (purchase)
Rack-mountable LifeSize® UVC 3300 hardware appliance (purchase)
Similar deployment experience across virtual machines and hardware appliances

LifeSize UVC Virtual Machine Software

Supported on VMware ESXi 4.0 and higher
Network interfaces: 10/100/1000 Ethernet adapter
Security-hardened Linux OS
Configurable by administrator

UVC Application	Virtual Machine Reference Specifications
UVC Video Center, UVC Transit, UVC Access, UVC Multipoint (4 flex ports)	HW Processors: Intel Xeon E5620, 2.4 GHz min vCPU: 4 vRAM: 6 GB DDR3 1333 Disk space: 100 GB min Network: 1 Gbps
UVC Video Engine for Microsoft Lync (6 HD calls), UVC Multipoint (15 flex ports)	HW Processors: 2 x Intel Xeon X5650, 2.66 GHz min vCPU: 12 vRAM: 12 GB DDR3 1333 Disk space: 100 GB min Network: 1 Gbps

LifeSize UVC Hardware Configuration (1100/3300)

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, MD RAID 10
Power: AC Voltage: 100–240V, 50–60 Hz, 5A max

Storage (UVC Hardware Appliance— 1100/3300)

Large internal storage for HD videos (1 TB on board)
Linux MD RAID 10 support; sustains any failures due to faulty disks
Stores up to 2,600 hours of HD video at 768 kbps (UVC Video Center)

Environmental Data (UVC 1100/3300)

Operating temperature: 10°C (50°F) to 35°C (95°F)
Operating humidity: 20% to 95%, noncondensing
Storage temperature: –40°C (–40°F) to 70°C (158°F)
Storage humidity: 5% to 95%, noncondensing
Weight: 17.2 kg (38 lbs)
Sustained load = UVC 1100 HW: 249 watts (850 BTU/hr), UVC 3300 HW: 288 watts (983 BTU/hr)
Idle = UVC 1100 HW: 135 watts (461 BTU/hr), UVC 3300 HW: 138 watts (469 BTU/hr)

Feature Options

Standard Edition (entry-level features)
Enterprise Edition (advanced features)*

Capacity Limits

See below for UVC capacity limits
Capacity limits are for each application running independently on the indicated hardware/appliance

Integrated Solution

Multiple UVC applications can be deployed on one hardware appliance or virtual machine
UVC Transit Server and UVC Transit Client should be installed on separate instances
For best performance with intense use, UVC Video Center, UVC Video Engine and UVC Multipoint should have their own instances
Trial any LifeSize UVC product from the LifeSize UVC Platform

Authentication & Authorization

Supports corporate active directory/LDAP integration
Local user management

Integrated Web Interface

Integrated web UI for all UVC applications
Configure multiple applications on a single instance
Multilingual web user interface—supports 10 languages: English, French, German, Italian, Japanese, Korean, Russian, Spanish, Simplified Chinese and Traditional Chinese (except UVC Video Engine)

System Management

Firmware update tool
REST APIs support third-party integration (UVC Video Center)
Start or stop UVC applications from web interface
Manage network configuration for all applications
Web interface to monitor critical system parameters such as CPU, local disk and NAS availability and usage
Management support—LifeSize® Control™**

Integrated Licensing

Web-based license management for product activation
Supports online and offline modes of license activation
Add capacity to existing products
Allows upgrade from Standard to Enterprise Edition

Security

HTTPS-based web access
SSH access for diagnostics
Supports static NAT deployment
Ability to lock down services for maintenance activities
Supports deployment in DMZ or private LAN

Compatibility

Major web browsers supported (see release notes on LifeSize website)

UVC Application	LifeSize UVC 1100 Hardware	LifeSize UVC 3300 Hardware	LifeSize UVC Virtual Machine[3]	Trial Mode (Virtual Machine)[3]
LifeSize UVC Video Center[1]	20 HD recordings 1,000 HD live web streams 350 on-demand streams 4 concurrent HD transcodings (SIP dial-out or mobile transcodes)	20 HD recordings 1,000 HD live web streams 350 on-demand streams 12 concurrent HD transcodings (SIP dial-out or mobile transcodes)	(4 vCPU) 20 HD recordings 1,000 HD live web streams 350 on-demand streams 4 concurrent HD transcodings (SIP dial-out or mobile transcodes)	(8 vCPU) 5 HD recordings 250 HD live web streams 250 on-demand HD web streams 4 concurrent HD transcodings (SIP dial-out or mobile transcodes) Enterprise Edition features
LifeSize UVC Transit Server[2]	80 Full HD traversals	80 Full HD traversals	(4 vCPU) 80 Full HD traversals	(4 vCPU) 5 Full HD traversals
LifeSize UVC Transit Client[2]	80 Full HD traversals	80 Full HD traversals	(4 vCPU) 80 Full HD traversals	(4 vCPU) 5 Full HD traversals
LifeSize UVC Access	3,000 gatekeeper registrations 300 routed gatekeeper calls	3,000 gatekeeper registrations 300 routed gatekeeper calls	(2 vCPU) 3,000 gatekeeper registrations 300 routed gatekeeper calls	(2 vCPU) 100 gatekeeper registrations 100 routed gatekeeper calls
LifeSize UVC Video Engine for Microsoft Lync[1]	4 480p, 8 360p UVC 1100 does not support HD calls.	6 HD calls · 6 720p, 12 480p, 24 360p	4 HD calls (8 vCPU) · 4 720p, 8 480p, 16 360p 6 HD calls (12 vCPU) · 6 720p, 12 480p, 24 360p	6 HD calls (12 vCPU) · 6 720p, 12 480p, 24 360p
LifeSize UVC Multipoint	4 flex ports · 4 720p ports & 12 audio-only ports · 8 480p ports & 8 audio-only ports · 16 360p ports	15 flex ports · 15 720p ports & 45 audio-only ports · 30 480p ports & 30 audio-only ports · 60 360p	30 flex ports (32 vCPU) · 30 720p ports & 120 audio-only ports · 60 480p ports & 80 audio-only ports · 120 360p	8 flex ports (8 vCPU) · 8 720p ports & 24 audio-only ports · 16 480p ports & 16 audio-only ports · 32 360p ports

[1]LifeSize recommends that you dedicate an entire LifeSize UVC instance to this application. [2]LifeSize UVC Transit Server and LifeSize UVC Transit Client must be installed on separate instances of LifeSize UVC Platform. [3]Capacity tested on ESXi 5.0

*Enterprise Edition is currently available for LifeSize UVC Video Center with rollout to other products coming soon. Check the LifeSize website for updates.

**Check the support page on the LifeSize website for details.

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