LifeSize®

A division of Logitech

LifeSize® UVC Transit™

LIFESIZE® UVC PLATFORM™

Secure Firewall/NAT Traversal for HD Video Collaboration

LifeSize® UVC Transit™ is a complete firewall and NAT traversal solution that enables secure Full HD (1080p30) video calls within and across networks so that you can connect securely with distant offices, vendors or customers. With standards-based H.460 and SIP firewall/NAT traversal, LifeSize UVC Transit ensures a reliable video experience inside and outside your organization.

The LifeSize UVC Transit solution, available on the LifeSize® UVC Platform™, includes the UVC Transit Server and Transit Client. Together, they make IP video more secure, more scalable and easier to manage.*

LifeSize® UVC Transit™ Server
The LifeSize UVC Transit Server provides firewall and NAT traversal for LifeSize and other third-party devices. A single Transit Server at headquarters can connect to multiple LifeSize Transit Clients at regional offices, providing secure intercompany calling.

LifeSize® UVC Transit™ Client
The LifeSize UVC Transit Client preserves network topology, allowing all endpoints and network infrastructure devices to be within the private network. Working as a proxy for the LifeSize UVC Transit Server and residing inside the LAN, it renders firewall/NAT traversal services to all video conferencing devices, including legacy endpoints and servers, LifeSize and third parties.

Ultimate Control and Flexibility
LifeSize UVC Transit offers flexible licensing so you can buy the capacity you need today and scale as you grow—thus ensuring improved utilization of IT resources and dollars.

LifeSize UVC Platform
LifeSize UVC Transit is part of the LifeSize UVC Platform, which consolidates the capabilities of multiple single-purpose video infrastructure products and makes them instantly accessible from one common interface. Available as virtual machine software or hardware, the UVC Platform enables immediate deployment of UVC Transit Server or UVC Transit Client, with an easy try-before-you-buy option.

Deploy LifeSize UVC Transit in combination with other UVC applications on the same hardware or virtual machine. Today, with LifeSize UVC Transit, connecting to customers, suppliers, partners and colleagues around the globe has never been easier or more cost-effective.

Note: LifeSize UVC Transit has been optimized to run on VMware® virtualization technology.
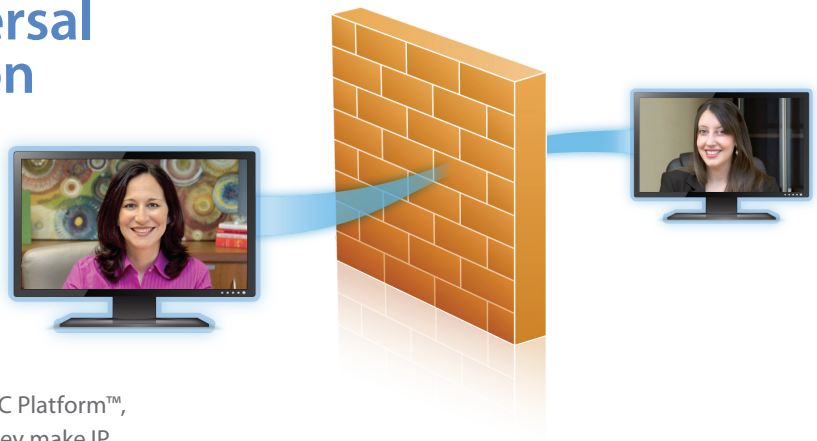
LifeSize UVC Transit Key Features

Secure	**Enables secure intercompany calling**
Fewer Ports, Less Risk	**Smallest set of open firewall ports needed for SIP and H.323 traversal**
Reduced Latency	**Supports direct media between video systems where possible**
Multiprotocol Support	**H.323: H.460.18, H.460.19, H.235; SIP: STUN, TURN, ICE, UDP, TCP, HTTPS, TLS**
Accelerated Deployment	**Deploy within minutes on LifeSize UVC Platform**
Open and Interoperable	**Works with LifeSize and third-party video systems**
Investment Protection	**Integration with existing gatekeeper & SIP PBX solutions**

Product Specifications

LifeSize® UVC Transit™

System Components
Available as
- LifeSize UVC Platform virtual machine software
- Rack-mountable LifeSize® UVC 1100 hardware

Delivered via LifeSize UVC Platform
Standards-based H.460 & STUN, TURN, ICE server
Based on security-hardened Linux OS

Compatibility
SIP firewall/NAT traversal and H.460 software included on all LifeSize video systems
Third-party standards-based H.460 clients
Supports stand-alone gatekeepers and SIP registrars from multiple vendors

Interoperable & Flexible
Interoperable with gatekeeper solutions—LifeSize UVC Access and third-party vendors*
Interoperable with stand-alone SIP PBX solutions
Ability to connect multiple LifeSize UVC Transit Client appliances or virtual machines to a single UVC Transit Server

Flexible Licensing** on UVC Transit Server and UVC Transit Client
Ability to increase traversal capacity as needed
Supports up to 50 Full HD traversals
Load additional traversal licenses as needed
Deploy with other LifeSize UVC applications on the same virtual machine or hardware
Software license installable on UVC hardware or virtual machine***
Trial Mode: 5 Full HD (1.7 Mbps) traversals

Protocols
H.323, H.460.18, H.460.19, SIP, UDP, TCP, HTTPS, STUN, TURN, ICE, H.235, SIP TLS

Firewall/NAT Traversal
SIP & H.460 firewall/NAT traversal in a single solution
Supports direct media between devices where possible
Supports STUN/TURN/ICE for H.323 and SIP in LifeSize devices
Supports H.323 and SIP tunneling

Security
Supports H.235 and SIP digest authentication, SIP TLS
Supports static NAT deployment for UVC Transit Server
Secure access to configuration via HTTPS
Supports encrypted calls via LifeSize Transit
Supports secure one-port firewall/NAT traversal solution
Supports H.323 tunneling for improved call completion rates
Supports Active Directory/LDAP-based user management
Allow/deny list
Secure Linux-based solution, available as a hardware appliance and virtual machine software

Diagnostics
Event and call logging (Syslog support)
SNMP traps and email alerts from UVC Transit Server and UVC Transit Client
Web-based firewall port verification tool
Advanced dashboard for server monitoring

Usability & Management
Multilingual web user interface (10 languages)
SSH access for diagnostics
Out-of-box configuration menu
Firmware update tool
Supports backup and restore of configuration and user accounts
Managed with network management software such as LifeSize® Control™
Advanced call control

LifeSize UVC Virtual Machine Software
Supported on VMware ESXi 4.0 and higher
vCPU: 4, vRAM: 6 GB, Disk space: 100 GB
Network interfaces: 10/100/1000 Ethernet adapter
Configurable by administrator

LifeSize UVC 1100 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, MD RAID 10
Power: AC voltage: 100–240V, 50–60 Hz, 5A max

LifeSize UVC 1100 Environmental Data
Operating temperature: 10°C (50°F) to 35°C (95°F)
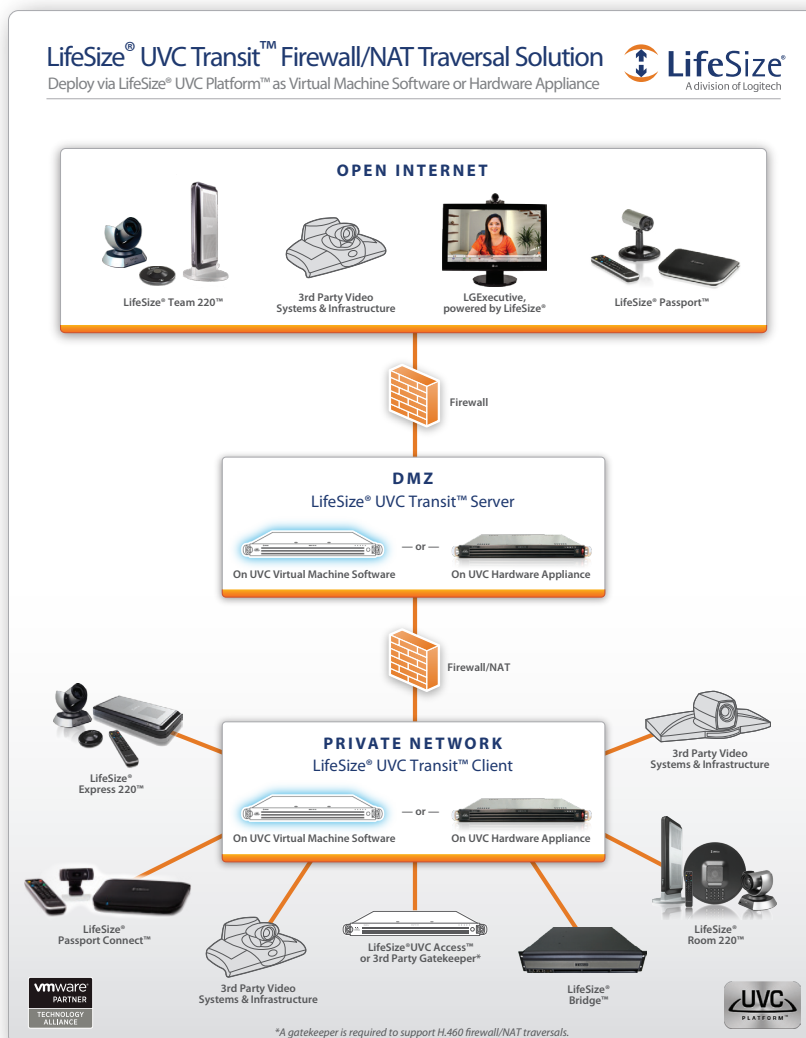Operating humidity: 20% to 95%, noncondensing
Storage temperature: -40°C (-40°F) to 70°C (158°F)
Storage humidity: 5% to 95%, noncondensing
Weight: 17.2 kg (38 lbs)
Sustained load = 249 watts (850 BTU/hr)
Idle = 135 watts (461 BTU/hr)

LifeSize® UVC Transit™ Firewall/NAT Traversal Solution
Deploy via LifeSize® UVC Platform™ as Virtual Machine Software or Hardware Appliance

A gatekeeper is required to support H.460 firewall/NAT traversals.

*LifeSize UVC Access or a third-party gatekeeper is required to support H.460 firewall/NAT traversals.
**For capacity updates, see the UVC Platform Deployment Guide on the support page of the LifeSize website.
***UVC Transit Server and UVC Transit Client cannot be deployed on the same instance.

DS-UVCTRANSIT-A4-0212