LifeSize Multipoint delvers HD multi-site conferencing

HD Multipoint Control Unit

LifeSize® Multipoint™ is a high definition Multipoint Control Unit (MCU) designed to support multi-site conferencing for up to 16 simultaneous locations with 720p HD video and high quality audio. The product is architected to preserve true high definition quality for all sites when used with LifeSize and standards-compliant video systems.

LifeSize Multipoint is ideal for video communications where more than 4 participants must communicate transparently, in real-time with the highest quality, simplicity and manageability.

LifeSize Multipoint is the cornerstone of a complete infrastructure solution. The LifeSize Multipoint solution delivers not only HD bridging, but also an extensive gatekeeper, desktop endpoints, a desktop firewall traversal solution and high quality streaming and recording. Complement your infrastructure by coupling the LifeSize Multipoint solution with LifeSize® Gateway™ for ISDN endpoints, LifeSize® Transit™ for video system firewall traversal and LifeSize® Control™ for multi-vendor video management.

High performance, standards based bridge making communications simple.

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Product Specifications

Models
LifeSize Multipoint-12
LifeSize Multipoint-24
Both models include the latest versions of:
LifeSize Gatekeeper
LifeSize Multipoint Extension
(Separate server required for each application.
Microsoft® Windows™ Server 2003 not included.)

Protocols
H.323
SIP

Video Protocols
H.261
H.263
H.264

Video Resolution
HD 720p
4CIF
CIF
QCIF

Presentation Video Resolutions
HD
VGA
SVGA
XGA

Audio Protocols
AAC LC
G.711
G.722
G.722.1
G.723.1
G.728
G.729 (AB)

LifeSize Multipoint Extension
Browser enabled, complete desktop endpoint with
built-in recording, streaming, annotations and
presentation layer video (H.239)
Built-in NAT and Firewall traversal
Easy scheduling via Microsoft® Outlook™

Security
H.235 AES/DES® encryption
Password protected web GUI user access with multiple
levels: Administrator, Operator and User
PIN protected conferences
HTTPS for secured management

Protocols
H.239 Dual Video
T.120

Video Auto-Attendant (IVR)
IP dialing support
Leading number support
Multi-lingual support

Conference Control from the Endpoint
H.243 conference control
DTMF-based conference control

Management
SNMP – multiple
HTTP – embedded web server

Advanced Video Processing for all ports in
Standard Definition mode
Continuous presence, displaying up to 16 conference
participants on one screen
Video transcoding (H.261, H.263, H.264)
Rate matching
Text overlay (i.e. conference participant’s name)
27 layout options including Picture-in-Picture (PIP)
Dynamic rollover
Lecture mode

Power
AC Voltage 100 – 240V, 50-60 Hz, 5A

System Design
Physical Dimensions
Rack mountable (1U)
Height: 43 mm / 1.7 in
Width: 426 mm / 16.75 in
Depth: 355.6 mm / 14 in
Weight: 7.5 Kg / 16.5 lbs

Environmental Data
Operating temperature: 0°C (32°F) to 40°C (104°F)
Operating humidity: 15% to 85%, non-condensing
Storage temperature: -40°C (-40°F) to 70°C (158°F)
Storage humidity: 10% to 90%

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