



Experience Communication in High Definition



Experience LifeSize Presence.

Telepresence is the experience of being present – an immersive video communications experience that allows you to meet with remote participants as if you're sitting in the same room. LifeSize images in high definition, natural eye contact with superior camera technology and placement, along with crystal clear audio enable a rich communications experience.

LifeSize® Conference™ is telepresence done right.

Telepresence is no longer limited to the executive board room. LifeSize Conference is the first telepresence suite that can be tailored to your environment – providing just what you need, where you need it. LifeSize Conference offers telepresence quality, unique flexibility and unmatched price performance.

Immersive telepresence quality

LifeSize Conference delivers stunning high definition video – 30 frames per second and 1280x720 screen resolution. Wide band, natural audio and built-in data sharing enrich your communications experience.

Unique flexibility

LifeSize Conference includes three HD codecs, multiple HD cameras and the LifeSize Phone. LifeSize Conference accommodates three HD monitors, one data monitor, and a touch screen control panel. Like all LifeSize systems, LifeSize Conference is standards based and fully interoperable to easily fit into your existing environment. Users can choose between LifeSize Conference telepresence mode or LifeSize® Room™ mode - giving you the flexibility to create a telepresence experience or to use the full functionality of a LifeSize Room system for both point-to-point and multipoint calls. LifeSize Conference scales to meet your specific needs.

Unmatched price performance

LifeSize Conference brings telepresence within reach. LifeSize delivers price performance that enables telepresence to be deployed beyond the boardroom.

LifeSize Conference Key Features

Video Quality High Definition Telepresence Quality
1280x720 - 30 fps
16x9 format

HD Monitors 
3 Video, 1 Data

HD Cameras 
Multiple

High Definition Audio 

External Audio, Video & Data Input/Output

Audio: 4 in, 3 out
Video: 9 in, 6 out
Data: 2 in, 2 out

Point-to-Point HD Telepresence 

Conference Room Telepresence Configuration 

(LifeSize. Be present.)

Product Specifications - LifeSize® Conference™

System Components

3 x LifeSize Room Codecs
4 x LifeSize Cameras*
1 x LifeSize Phone
1 x LifeSize Conference software**
Power supplies
Cables
* 4th LifeSize Camera used as full PTZ camera for LifeSize Room mode
** Software applicable to AMX control panel

System Modes

LifeSize Conference
- Multi-codec HD telepresence solution
LifeSize Room
- Dual monitor HD videoconferencing solution
(See LifeSize Room product data sheet)

Communications

3.0 Mbps – 18 Mbps
(1.0Mbps – 6.0Mbps per codec)

Multiple Displays

Support for three high definition video monitor displays
Support for one high definition data monitor display
Any high definition 720p component VGA monitor (1280x720) is supported
LifeSize recommends all three video monitors be identical in manufacturer and size to guarantee quality of the video display
LifeSize recommends the following size for all monitors:
All three video monitors should be between 58" and 65"
The data monitor should be between 42" and 50"

High Definition Camera

Support for three cameras attached to three codecs (primary input)
Resolution: 1280x720, 30fps
Camera supports locked position and focus
3 x 7.5M/25 ft. cable

Video Specifications / Video Resolution

1 Mbps or higher (1280x720 pixels) per codec

Video Standards

H.261, H.263, H.263+, H.264 and H.239

Video Formats

High Definition, 16x9 aspect ratio

Video Inputs (9 Inputs)

4 x High Definition Cameras
- One per codec in primary camera inputs
- One for center codec for LifeSize Room mode (future)
2 x Composite/VGA
- Center codec only
2 x S-Video
- Center codec only
1 x VGA in
- Center codec only
- Supports up to 1280x1024

Video Outputs (6 Outputs)

4 x Component/VGA
- One per codec to primary video monitors
- One from center codec to secondary data monitor
1 x S-Video
- Center codec only
1 x Composite/RCA
- Center codec only

Fully Integrated, High Definition Audio Conference Phone

16 omni-directional microphones in Circular Array with beam forming technology for high quality performance
100Hz up to 16kHz for wideband support
Powered directly by center codec through cable

Audio Standards

G.711, G.722, G.722.1C
(Polycom® Siren14™).
G.728, G.729, MPEG-4 AAC-LC

Audio Inputs (4 Inputs)

1 x RJ-45 for LifeSize Phone
1 x RCA line level in
1 x RCA line level input (L+R)
1 x 3.5mm Mic In
- All inputs above are attached to center codec only

Audio Outputs (3 Outputs)

1 x RJ-45 for LifeSize Phone
1 x Main audio output (L+C+R)
1 x RCA line level output
- All outputs above for center codec only

User Interface

Provided through third party control panel with uniquely designed LifeSize Conference software
Directory/Address book
Hierarchical address support
Password protection
Supported AMX Solution Controller
- NXT-CV7 7" Modero Widescreen Viewpoint Touch Panel
- NI-3100 NetLinX Integrated Controller
- Associated power supply and mounting brackets

Security

Flash-based web management tool
Admin and User level passwords
SNMP security alerts
Ability to disable HTTP, SSH and TelNet services

Power

AC Voltage per LifeSize codec
100-240V, 50-60 Hz, 2.5A

Environmental Data

Per LifeSize codec:
Operating Temperature: 0°C (32°F) to 35°C (95°F)
Operating Humidity: 15% to 85%, non-condensing
Storage temperature: -20°C (-4°F) to 60°C (140°F)
Storage humidity: 10% to 90%, non-condensing

Regulatory Model Number
LFZ-001

For additional information: www.lifesize.com/support

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