

LifeSize® Express™ delivers high definition video communication in an easy-to-use, system.



## High Definition for Everyone

LifeSize® Express™ is the affordable, easy to use, high definition video communications system designed to bring people together, allowing you to do more, travel less and be present.

In today's fast-moving, global economy, project teams, partners and colleagues are distributed around the world. But the telephone and email are not enough. Frequent face to face meetings and meaningful dialog are vital for success, but travel is expensive and time consuming.

**( Affordable telepresence quality video )**

LifeSize Express brings people together by allowing them to interact successfully across distances. Seeing facial expressions, body language and gestures makes you feel truly connected and understood.

LifeSize designed video communications with absolute user simplicity in mind. Connect your PC to share multimedia or documents clearly.

High definition quality. Simplicity. Meaningful team connections. LifeSize Express is clearly how video communications is meant to be.

### LifeSize Express Key Features

Video Quality

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

HD Monitor



HD Camera Pan-Tilt-Zoom (PTZ)



HD Audio



External Audio & Video Input/Output

Audio: 3 in, 2 out  
Video: 3 in, 1 out

Point-to-Point HD Video Communications



## System Components

LifeSize codec  
High Definition PTZ LifeSize Camera  
LifeSize MicPod  
Wireless remote control  
Power Supply  
Cables

## Communications

H.323, SIP  
128Kbps - 2.0Mbps  
1xRJ-45 Network LAN  
1x3.5mm Mic In for LifeSize MicPod  
1 x RJ-45 for LifeSize Phone or LifeSize Networker (optional)

## Support for single HD display

Any high definition display supporting HDMI input  
For additional information on displays, visit:  
[www.lifesize.com/support](http://www.lifesize.com/support)

## High Definition 720p PTZ Camera

Support for single camera  
Wide-angle zoom lens with 70 degree field of view  
4x Optical zoom / 4x Digital zoom  
Auto focus / Automatic gain control  
10 camera presets (near or far end)  
7.5M / 25ft. cable, Optional 15M / 50 ft. cable

## Video Specifications / Video Resolutions

Maximum resolutions widescreen 16:9 aspect ratio  
All resolutions progressive scanning  
All resolutions at 30 frames per second  
128Kbps (400x244pixels) Widescreen FCIF  
384Kbps (768x432pixels) Cable TV  
512Kbps (848x480pixels) DVD Resolution  
768Kbps(1088x608pixels) 2xDVD Resolution  
1Mbps or higher (1280x720pixels) High Definition  
Actual resolution depends on capability of remote end and is impacted by the quality of the communication channel

## Video Standards

H.261, H.263, H.263+, H.264 and H.239 compliant  
Dual Streaming with video bandwidth balance

## Video Formats

High Definition, 16x9 aspect ratio

## Video Inputs (3 Inputs)

1 x High Definition PTZ Camera  
1 x HD Digital Video In (720p30)  
1 x VGA In

## Video Outputs (1 Output)

1 x HD Digital Video Out (720p30)

## High Definition Single Microphone

Single omni-directional microphone  
100Hz up to 16 kHz  
Mute button  
Powered by codec directly through cable

## Audio Features

High Definition audio  
GIPS NetEQ packet loss concealment  
Full duplex for natural conversations  
Echo cancellation for echo-fee calls  
Automatic gain control  
Automatic noise reduction  
Three-way audio add-on call capability  
MicPod or Dual MicPod support (optional)

## Audio Standards

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

## Audio Inputs (3 Inputs)

1 x Line In (L+R) (3.5mm)  
1 x Mic In - Two channel (3.5mm)  
1 x RJ-45 (LifeSize Phone) (Optional)

## Audio Outputs (2 Outputs)

1 x Line Out / Headset (L+R)  
1 x RJ-45 (LifeSize Phone) (Optional)

## Other Supported Standards

H.221, H.224, H.225, H.231, H.241, H.242, H.245, H.281, BONDING (ISO13871), RFC 3261, RFC 3264, RFC 2190, RFC 3407

## User Interface & Features

Context sensitive user interface  
Graphical User Interface Call Manager  
14 localized languages supported  
Do Not Disturb mode

## Security

Admin and User-level password  
SNMP security alerts  
Ability to disable HTTP, SSH and Telnet services  
H.235 encryption support including strict compliance  
IEEE 802.1x support  
Kensington Lock™

## Intelligent Networking Features

NAT/Firewall Traversal (H.460/SIP)  
IPv4 and IPv6 support  
Auto H.323 dialing  
ISDN support via LifeSize Networker

## Directory and Address Book

Up to 1000 local directory entries  
Save, Lock, Remove Redial List features  
Missed call notification  
Auto-Discovery directory lookup (patent pending)  
LDAP support / H.350 compliant  
Meetings Directory support

## System Management

Out of box setup via web interface and management tool  
SNMP  
Backup and Restore capability  
JPEG snapshots through web interface

## Power

AC Voltage 100-240V, 50-60 Hz, 2.5A via external power supply

## Environmental Requirements