

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

Point-to-Point HD Video Communications



# Product Specifications - LifeSize® Express™

## System Components

LifeSize codec  
High Definition PTZ camera  
LifeSize MicPod  
Wireless remote control  
Power supply  
Cables

## Communications

128Kbps – 2Mbps  
H.323, SIP  
1 x RJ-45 Network LAN  
1 x 3.5 mm Mic In for LifeSize MicPod  
1 x RJ-45 for optional LifeSize Phone

## Supports one HD Display

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

## High Definition 720p PTZ Camera

LifeSize-designed High Definition pan/tilt/zoom camera (patent pending)  
Resolution: 1280 x 720, 30fps  
Wide-angle lens, 4x optical and 4x digital zoom, 70 degree field of view  
Auto focus  
Automatic gain control  
10 camera presets  
7.5 M / 25 ft. cable, Optional 15 M / 50 ft. cable

## Video Specifications / Video Resolution

Maximum Resolutions Widescreen 16:9 Modes  
128 Kbps (400 x 244 pixels) Widescreen FCIF  
384 Kbps (768 x 432 pixels) Cable TV  
512Kbps (848 x 480 pixels) DVD Resolution  
768 Kbps (1088 x 608 pixels) 2x DVD Resolution  
1 Mbps or higher (1280 x 720pixels) High Definition  
Actual resolution depends upon capability of remote end and is impacted by the quality of the communications channel

## Video Standards

H.261, H.263, H.263+, H.264 and H.239  
Supports Dual Streaming with Video Bandwidth Balance

## Video Formats

High Definition, 16x9 aspect ratio

## Video Inputs (3 Inputs)

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

## Video Outputs (1 Output)

1 x HD Digital Video Out (720p30)

## High Definition Active Microphone

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

## Audio Features

High Definition audio  
Three-way audio add-on call capability  
GIPS NetEQ packet loss concealment  
Full duplex for natural conversations  
Echo cancellation for echo-free calls  
Automatic gain control  
Automatic noise reduction

## Audio Standards

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

## Audio Inputs (2)

1 x 3.5 mm Line In (L+R)  
1 x 3.5 mm Mic In

## Audio Outputs (1)

1 x Line Out / Headset (L+R)

## User Interface & Features

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

## Security

Flash-based Web management tool  
Administrator and User-level passwords  
SNMP security alerts  
Ability to disable HTTP, SSH and Telnet services  
H.235 encryption support including strict compliance  
Kensington Lock™

## Intelligent Networking Features

NAT/Firewall Traversal (H.460/SIP)  
IPv4 and IPv6 support  
Auto H.323 dialing  
When used with LifeSize Networker:  
H.320 dialing  
Auto SPID detect/downspeeding

## 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  
Hierarchical address book

## System Management

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

## Optional

LifeSize Phone for enhanced audio integration  
Note: LifeSize Phone and LifeSize MicPod are mutually exclusive  
LifeSize Networker for ISDN connectivity

## Power

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

## Environmental Data

Operating temperature: 0°C (32°F) to 40°C (104°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

## Codec Dimensions

Width: 288mm (11.34")  
Depth: 187.5mm (7.38")  
Height: 41.3mm (1.63")  
Weight: 1.29Kg (2.84 lbs)

Regulatory Model Number  
Model: LFZ-006

For additional information:  
[www.lifesize.com/support](http://www.lifesize.com/support)

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