# LifeSize®

## LifeSize® Express™

Experience Communication in High Definition

**LifeSize® Express™ delivers high definition video communication in an affordable, 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

| Feature | Details |
|---|---|
| **Video Quality** | High Definition Telepresence Quality 1280x720 - 30 fps 16x9 format |
| **HD Monitor** | |
| **HD Camera Pan-Tilt-Zoom (PTZ)** | |
| **High Definition Audio** | or |
| **External Audio & Video Input/Output** | Audio: 2 in, 1 out Video: 2 in, 1 out |
| **Point-to-Point High Definition Videoconferencing** | P-P |

# Product Specifications - LifeSize® Express™

## System Components
LifeSize codec
High Definition PTZ camera
LifeSize MicPod
Wireless IR remote control
Power supply
Cables

## Communications
128Kbps – 1.5Mbps
H.323, SIP
1 x RJ-45 Network LAN
1 x 3.5 mm Mic In for LifeSize MicPoc
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

## High Definition Camera
LifeSize-designed High Definition pan/tilt/zoom
   camera (patent pending)
Resolution: 1280 x 720, 30fps
Wide-angle lens, 4x optical 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.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.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
Wireless IR remote
Graphical User Interface Call Manager
Virtual Multiway support
13 localized languages supported
Customizable background screens
Selectable camera icons & live preview

## 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™ feature

## Intelligent Networking Features
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 (H.350) support
Meetings Directory support
Hierarchical address book

## System Management
Out of box setup via web interface and web
   management tool
SNMP

## 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)
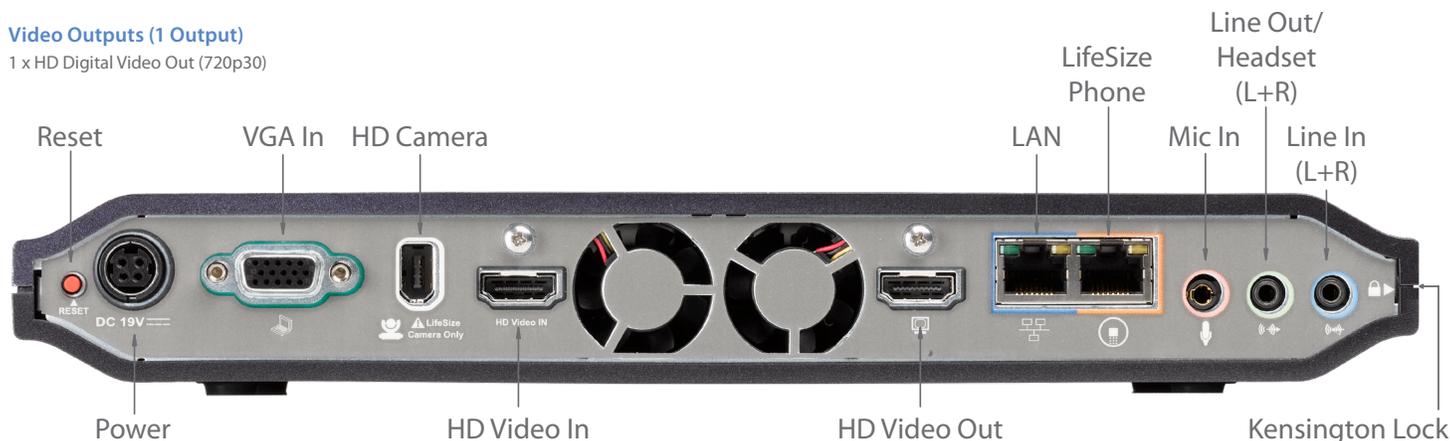Storage humidity: 10% to 90% non-condensing

## 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

Reset · VGA In · HD Camera · LifeSize Phone · LAN · Mic In · Line Out/Headset (L+R) · Line In (L+R)

Power · HD Video In · HD Video Out · Kensington Lock

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