



## High Definition Audio

LifeSize® Phone™ is the High Definition audio conference phone that delivers a revolutionary level of quality to audio conferencing.

Better Input. Powered by 16 always-on microphones and patent-pending Circular Microphone Array™ and beam forming technology, LifeSize Phone provides exceptional room coverage over other phones.

( Expand the coverage so everyone can be heard )

Better Algorithms. True CD quality, super wide-band audio operates up to 16 kHz frequency using MPEG-4 AAC, the same algorithm used in the popular iPod® and iTunes® products.

Better Output. Using a specially designed titanium speaker driver and tuned ported enclosure, LifeSize Phone reduces unwanted noise and distortion by up to 10X over any other conference phone—and no need for a subwoofer.

Flexible Connectivity. LifeSize Phone provides Voice over IP (VoIP) audio conferencing and integration to a host of Enterprise-class IP-PBX systems. Also, use LifeSize Phone as a fully integrated audio solution with LifeSize® Room™ and LifeSize® Team™ video systems.

Hear and understand everyone. No more conference fatigue.  
LifeSize Phone sets the new standard in productive conferencing. Clearly.

## The Advantages are Clear

**Complete Room Coverage** — Pick up all talkers in the room without unwanted noise. Innovative design with 16 omnidirectional microphones and exclusive Circular Microphone Array provides a superior approach to gated, directional microphone devices

**Super Wide-Band, Up to 16 kHz Audio** — World's best frequency response from 100 Hz up to 16 kHz for highly intelligible conferencing

**Standards Compliant** — Works with standard SIP or H.323 IP PBX or IP service provider implementation

**Low Distortion and Ambient Noise** — Designed to reduce noise from HVAC, projector fans for sensitive microphone or talker pickup without the noise

**Elegant, Non-Intrusive Design** — Updated design and no additional microphone pods or sub woofers required.

**Simple to Use** — Intuitive keypad and display, add a third participant at the touch of a button

**Investment Projection** — Software-based, remotely upgradable device.

# Product Specifications

## Phone Console Specifications

### System Speaker

Specially designed titanium speaker driver  
¼ liter tuned ported speaker enclosure  
Typical frequency response: 100 Hz to 16 kHz  
for stand alone phone with IP connection

Distortion:

<0.5% 400 Hz - 20 kHz

<2% 100 Hz - 400 Hz

Volume: adjustable to 90dBA spl @ .5m

No sub-woofer required

### System Microphones

Circular Microphone Array with 16 embedded  
microphones and beam forming with Directivity  
Index (DI) greater than 4 for all audio frequencies  
No microphone pods required

### Display

Large monochromatic LCD display  
240 x 64 pixels; .250 mm pitch



### Keypad

Intuitive keypad

### Network

VoIP connectivity or video systems integration in one  
device

### Audio Standards

G.711; G.722; G.722.1c (Polycom® Siren14™); G.729;  
MPEG-4 AAC  
SIP: RFC 3261; 3264; 2833

## Network Configuration Options

IP Configurations

Standard SIP or H.323 IP PBX or IP service  
provider implementation

To access supported implementations:  
[www.lifesize.com/support](http://www.lifesize.com/support)



### QoS

Packet loss concealment

Jitter buffer granularity of 1ms

AEC echo tail of >100ms

### No Mobile Phone or PDA Interference

Designed to reduce or eliminates radio frequency  
interference when placed adjacent to LifeSize Phone

### Systems Management & Maintenance

Web browser management for setup and usage

Inventory and remote management using SNMPv3

LifeSize® Control™ management software on IP network



## System Design

Physical Dimensions

Height: 40.89 mm / 1.61 in

Diameter: 286.29 mm / 11.27 in

Weight: 1.34 Kg / 3 lbs

### Environmental Data

Operating temperature:

0°C (32°F) to 40°C (104°F)

Operating humidity:

10% to 85%, non-condensing

Storage temperature:

-40°C (-40°F) to 70°C (158°F)

Storage humidity: 10% to 90%

### LifeSize Phone Package

Tabletop console

Quick start guide

Cables:

1-30 ft. (9.14m) RJ-45 cable to Speakerphone Console

Power over Ethernet (PoE) enabled, 802.3af

PoE Adapter not included. For recommendations, visit:  
[www.lifesize.com/support](http://www.lifesize.com/support)

LifeSize Phone is available worldwide in multiple  
languages.

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

Information contained in this document is subject to change  
without notice. LifeSize is a registered trademark or trademark of  
LifeSize Communications in the U.S. and other countries. All other  
trademarks are property of their respective owners. Copyright  
2007. May 2007.



Corporate Headquarters:  
901 S. Mopac Expressway  
Building 3, Suite 300  
Austin, Texas 78746 USA

Phone: +1 512 347 9300  
Fax: +1 512 347 9301  
Email: [info@lifesize.com](mailto:info@lifesize.com)  
[www.lifesize.com](http://www.lifesize.com)

EMEA:  
LifeSize Communications  
United Kingdom  
Phone: 008000 999 09 799

APAC:  
LifeSize Communications  
Hong Kong  
Phone: +852 8239 3695