



# Video Conferencing for Small Meeting Rooms

**Lifesize® Icon 400™**

## Extending the Connected Experience

Since their inception, video conferencing systems were designed primarily for large meetings. Yet, it's often the small teams that get the work done. The Lifesize Icon 400 is designed to bring the power of video collaboration to small meetings. Sized perfectly for huddle rooms and wherever small teams congregate, Lifesize Icon 400 delivers an unparalleled immersive experience that enables participants around the world to focus on sharing knowledge and achieving the objectives of the meeting. And when paired to the Lifesize cloud-based service, there simply isn't a more powerful, yet easy-to-use video conferencing solution in the world.

## Lifesize Icon 400

- Connect with the Lifesize cloud-based service to add seamless call escalation, corporate and meetings directories, secure firewall/NAT traversal and automatic software updates.
- Escalating to a group call couldn't be easier. Simply accept an incoming call or click on a contact in your directory to add participants.
- Record meetings and share them with any number of viewers with the push of a button.
- Ad-hoc meetings begin in the unified directory. Search for a name, click and call.
- The icons on the onscreen menu clearly convey the function or operation so you can click and complete quickly.
- Start video calls quickly and easily with contacts pinned as favorites.
- Lifesize Icon 400 is easy to install and configure.
- Like all members in the Lifesize Icon Series, the Lifesize Icon 400 is designed for maximum simplicity, flexibility and value.

## Pair to the Lifesize cloud-based service\*

Capitalize on the power of our cloud-based service to deliver even more substantial benefits to your business. Simple point-to-point and mobile calls that can quickly escalate to group calls by clicking on a name in a directory are strong enticements to hold meetings via video. For IT, simplified setup through auto-provisioning, video network management and secure NAT/firewall traversal will accelerate deployment.

## Get on with the meeting

Lifesize firmly believes that video calls should be rewarding experiences. That means getting the technology out of the way and making it about realizing the user's meeting objectives.

Lifesize Icon 400 achieves that goal. The simplified remote and the user interface get you into your meeting quickly. The HD image and crystal clear audio erase distance and put everyone into the same space. Small meetings are even more productive and efficient, and everyone leaves pleased because technology didn't impede meeting progress ... it actually accelerated it. It's another reason why Lifesize video calls are described as a Connected Experience.

\*Requires a Lifesize subscription

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Lifesize® Icon 400™



## At-a-Glance

<b>Pair to the Lifesize cloud-based service*</b>	Shared directory, virtual meeting rooms, seamless call escalation, name-based dialing, automatic software updates and more
<b>Record and Share Calls with Lifesize Record and Share*</b>	Easily record a video call or meeting from any device and automatically publish videos into your own video library
<b>Seamless Call Escalation</b>	Accept requests to join your call or add others via your directory with one simple click of your remote
<b>Remote Control</b>	Sleek design for quick and easy navigation by any user
<b>Video Quality</b>	Up to 1080p30
<b>Presentation Quality &amp; Sharing</b>	Up to 1080p; physical data port
<b>HD Display</b>	Support for one display
<b>HD Camera</b>	Pan, tilt and zoom camera with support for up to 1080p30 HD and 5x zoom
<b>Lifesize Phone HD</b>	Easy to use touchscreen powers both audio and video

\*Requires a Lifesize subscription



Lifesize Icon 400 with Lifesize Phone HD

# Video Conferencing for Small Meeting Rooms

## Lifesize® Icon 400™

### SYSTEM COMPONENTS

- Lifesize Icon 400 with embedded PTZ camera
- Lifesize Phone HD, Phone, 2nd Generation, or Digital MicPod
- Power supply/cables
- Lifesize Remote Control

### COMMUNICATIONS

- SIP, H.323, 128 Kbps–6.0 Mbps
- 1 x RJ-45 Network LAN 10/100
- 1 x Lifesize Link for Lifesize Phone HD, Phone, 2nd Generation, or Digital MicPod

### SUPPORT FOR SINGLE DISPLAY

- Any display with HDMI input supporting 720p or 1080p video modes

### 1080P30 ZOOM CAMERA

- Wide-angle zoom lens with 70-degree field of view
- 3x optical zoom, 2x digital zoom, 5x total
- Auto focus/automatic gain control
- 10 camera presets (near or far end)

### VIDEO SPECIFICATIONS

- Maximum resolution 1920x1080, 16:9 aspect ratio<sup>1</sup>
- All resolutions progressive scanning
- Over 200 resolutions supported
- Example bitrates and resolutions (H.264 High Profile, AAC-LD):
  - 600 Kbps (720p30)
  - 820 Kbps (720p60)
  - 1.2 Mbps (1080p30)

### VIDEO STANDARDS

- H.264 High Profile, H.264 Baseline Profile, H.263+, H.263

### VIDEO INPUTS (1 INPUT)

- 1 x HD Video In (up to 1080p30) HDMI enabled

### VIDEO OUTPUTS (1 OUTPUT)

- 1 x HD Video Out (up to 1080p30) HDMI enabled

### FULLY INTEGRATED, HD AUDIO

#### LIFESIZE PHONE HD/DIGITAL MICPOD

- 90 Hz up to 22 kHz
- Audio pickup range up to 4.57 m (15 ft)
- 48kHz audio sampling
- Powered by Icon 400 directly through Lifesize Link cable
- Support for one Lifesize Phone HD, Phone, 2nd Generation, or Digital MicPod
- Ships with 4 m cable (Digital MicPod) or 9 m cable (Lifesize Phone HD or Phone, 2nd Generation)
- Optional 15 m cable available

### AUDIO FEATURES

- WebRTC 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.722.1 and G.722.1C licensed from Polycom®, MPEG-4-AAC-LC, MPEG-4 AAC-LD, Opus

### AUDIO INPUTS (2 INPUTS)

- 1 x Lifesize Link (Lifesize Phone HD, Phone, 2nd Generation, or Digital MicPod)
- 1 x HD Video In

### AUDIO OUTPUTS (2 OUTPUTS)

- 1 x Lifesize Link (Lifesize Phone HD or Phone, 2nd Generation)
- 1 x HD Video Out

### OTHER SUPPORTED STANDARDS

- H.221, H.224, H.225, H.231, H.239/BFCP, H.241, H.242, H.245, H.281, RFC 3261, RFC 3264, RFC 2190, RFC 3407, RFC 2833

### USER INTERFACE & FEATURES

- Simplified user interface
- Heads up remote control
- Seamless call escalation to a group call
- Graphical user interface administration console
- Multiple languages supported
- Do Not Disturb mode
- Video mute
- Picture-in-picture

### LIFESIZE CLOUD-BASED SERVICE<sup>2</sup>

- Seamless call escalation for video and voice participants
- Calendar, meeting directory, favorites, unified searchable directory
- Automatic provisioning
- Guest calling
- Single button recording and sharing<sup>3</sup>
- Mobile calling
- Video network management
- Secure firewall traversal, plus NAT
- Automatic software updates

### SECURITY

- Ability to disable HTTP, SSH services
- H.235 (AES) encryption support including strict compliance
- TLS/SRTP support
- Kensington Security Slot

### INTELLIGENT NETWORKING FEATURES

- Adaptive motion control (AMC) including forward error correction (FEC) for superior video quality in all network conditions
- NAT/firewall traversal (H.460/SIP)
- Auto bandwidth detection

### DIRECTORY AND ADDRESS BOOK

- Up to 10,000 directory entries
- Global search tool
- LDAP support/H.350 compliant
- Calendar/meeting directory support
- H.323 URI dialing support (Annex O)

### SYSTEM MANAGEMENT

- Web interface
- Auto configuration
- SNMP
- Backup and restore capability
- 1 x USB 2.0
- Serial support

### POWER

- AC voltage 100–240V, 50–60 Hz, 2.31A via external 19VDC power supply

### ENVIRONMENTAL DATA

- Operating temperature: 0°C (32°F) to 40°C (104°F)
- Operating humidity: 15% to 85%, noncondensing
- Storage temperature: –20°C (–4°F) to 60°C (140°F)
- Storage humidity: 10% to 90%, noncondensing

### VIDEO DEVICE DIMENSIONS

- Width: 216.5 mm (8.52")
- Depth: 119.4 mm (4.70")
- Height: 125.4 mm (4.94")
- Weight: 1.04 Kg (2.29 lbs)

### MOUNTING OPTIONS

- Mounting holes: 2 x M5 screw holes 150 mm (6 in) apart
- Mounting screws: 2 x M5 screws (Max insertion depth: 3.8 mm)

### REGULATORY NUMBER

- Lifesize Icon 400 = LFZ-033

<sup>1</sup> When paired to the Lifesize cloud-based service, some features and settings are managed by Lifesize to tailor the user experience for use with the service.

<sup>2</sup> Requires a Lifesize subscription.

<sup>3</sup> Through Lifesize Record and Share, sold separately.

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