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. Feature availability and price vary by subscription plan, selected options, and paired devices.

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Lifesize® Icon 400™

At-a-Glance

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

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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:
  - Diagonal field of view: 80 degrees
  - Horizontal field of view: 70 degrees
  - Vertical field of view: 39 degrees
- 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[1]
- 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[2]
- Seamless call escalation for video and voice participants
- Calendar, meeting directory, favorites, unified searchable directory
- Automatic provisioning
- Guest calling
- Single button recording and sharing
- 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

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
- IPv4 and IPv6 support

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 100-240VAC +/- 5%, 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

[1] 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.

[2] Requires a Lifesize subscription. Feature availability and price vary by subscription plan, selected options, and paired devices.