# Video Conferencing for Small Meeting Rooms

**Lifesize® Icon 400™**

## Extending the Connected Experience

Since its 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 with Lifesize Cloud, there simply isn't a more powerful, yet easy-to-use video conferencing solution in the world.

## Lifesize Icon 400

- Connect with Lifesize Cloud to add seamless call escalation, corporate and meetings directories, secure firewall/NAT traversal and automatic software updates.
- Escalating to a multiparty call couldn't be easier. Simply accept an incoming call or click on a contact in your directory to add participants.
- Record meetings and stream them live to 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.

## Leverage Lifesize Cloud or Lifesize Infrastructure*

Capitalize on the power of our cloud service or infrastructure application to deliver even more substantial benefits to your business. Simple point-to-point and mobile calls that can quickly escalate to multiparty 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.

Lifesize Icon 400 with Lifesize Phone

### AT-A-GLANCE

| | |
|---|---|
| **Connect to Lifesize Cloud** | Shared directory, virtual meeting rooms, seamless call escalation, name-based dialing, search and favorites |
| **Integrate with Lifesize Infrastructure applications*** | Easily add powerful video capabilities by turning on mobile video calling, multiparty calling, streaming/recording and more |
| **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 6x zoom |
| **Phone** | Touchscreen powers both audio and video |
| **Digital MicPod** | 360° triple microphone beam-forming technology for superior voice pickup |

*Requires Lifesize UVC Platform, available as virtual machine software or hardware

# Lifesize® Icon 400™

# Product Specifications

## SYSTEM COMPONENTS
Lifesize Icon 400 with embedded camera
Lifesize Phone 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 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, 6x total
Auto focus/automatic gain control
10 camera presets (near or far end)

## VIDEO SPECIFICATIONS
Maximum resolution 1920x1080, 16:9 aspect ratio
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/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 or Digital MicPod
Ships with 4 m cable (Digital MicPod) or 9 m cable (Phone)
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

## AUDIO INPUTS (2 INPUTS)
1 x Lifesize Link (Lifesize Phone/Digital MicPod)
1 x HD Video In

## AUDIO OUTPUTS (2 OUTPUTS)
1 x Lifesize Link (Lifesize Phone)
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 multiparty call
Graphical user interface administration console
Multiple languages supported
Do Not Disturb mode
Video mute
Picture-in-picture

## LIFESIZE CLOUD*
Seamless call escalation for video and voice participants
Calendar, meeting directory, favorites, unified searchable directory
Automatic provisioning
Guest calling
Single button streaming and recording
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 100,000 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: LFZ-033

*Requires a Lifesize Cloud subscription


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