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

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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