Simplicity Meets Flexibility

LifeSize® Icon 800™

LifeSize Icon 800 delivers the ultimate communication experience to auditoriums and other large meeting spaces. Designed to radically simplify video conferencing with its intuitive "heads up" UI, six-button remote and touchscreen LifeSize® Phone, LifeSize Icon 800 offers

› Four Full HD video inputs
› Two Full HD video outputs
› Seven audio inputs
› Four audio outputs
› Two USB 3.0 data inputs
› Secure connectors for server racks

With the additional video inputs the LifeSize Icon 800 provides users incredible flexibility. Connect multiple video devices, such as PTZ cameras, laptops or DVRs, as well as audio devices, such as MP3 players, to the LifeSize Icon 800 and deliver an unprecedented immersive experience.

Simplified Input Selection

Users can easily choose the video input for both primary and secondary streams with the remote control or through the LifeSize Phone touchscreen display. Audio sources are automatically heard at each end when the user pushes play eliminating the need to call support when the audio source doesn't match the video input.

Free! LifeSize Link Adapter

Included with your purchase is the new LifeSize Link Adapter, which supports especially long cable runs between the LifeSize Icon 800 unit and a LifeSize Phone or Digital MicPod—up to 61 meters (200 feet). Now, LifeSize Phone can be positioned deeper in the auditorium.

Ideal for Systems Integrators

Systems integrators seeking a video conferencing solution that readily integrates with existing custom third-party solutions need look no further than the LifeSize Icon 800. Its rack-mount design enables systems integrators to install the LifeSize Icon 800 into any industry-standard server, podium and other rack-mount space with ease. The internal power supply and the locking rear connectors ensure a simple and secure installation.

At-a-Glance

Seamless Call Escalation	Accept requests to join your call or add others via your directory with one simple click of your remote
Streamlined Intuitive UI	Meeting directory, unified user interface during multiparty calls, unified directory, name-based dialing, search and favorites
Integrated with LifeSize UVC core applications*	Easily add powerful video capabilities by turning on mobile video calling, multiparty calling, streaming/recording and more
Remote Control	Sleek, new design for quick and easy navigation by any user
Video Quality	Up to 1080p60
Presentation Quality & Sharing	Up to 1080p; physical data port
HD Monitors	Connect up to two displays
HD Cameras	Pan, tilt and zoom camera options, including support for up to 1080p60 HD and 10x zoom capability
Phone	Touchscreen powers both audio and video

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

System Components

LifeSize Icon 800 video system, 2RU 48.3 cm (19")
with rack mounts attached
LifeSize Camera 10x
LifeSize Phone, 2nd Generation
LifeSize Link Adapter
Remote control
Cables

Communications

SIP, H.323, 128 Kbps–6.0 Mbps
1xRJ-45 Network LAN 10/100/1000
1x LifeSize Link for LifeSize Phone, 2nd Generation

Support for Up to Two Displays

Any 720p or 1080p HD displays
Video Out 1 (primary) supports DVI-D/HDMI
Video Out 2 (secondary) supports DVI-I/HDMI/VGA

HD 1080p60 PTZ Camera (LifeSize Camera 10x)

Wide-angle zoom lens with 70° field of view
Up to 10x optical zoom
Auto focus/automatic gain control
10 camera presets (near or far end)
Standard 3.0 m HDMI cable

Video Specifications

Maximum resolution 1920x1080, 16:9 aspect ratio
All resolutions progressive scanning up to 60 frames
per second
Over 200 resolutions supported
Example bitrates and resolutions (H.264 High Profile,
AAC-LD):
600 Kbps (720p30)
820 Kbps (720p60)
1.2 Mbps (1080p30)
1.7 Mbps (1080p60)

Video Standards

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

Video Inputs (4 Inputs)

4 x HD Video In (up to 1080p60) DVI/HDMI/VGA
enabled

Video Outputs (2 Outputs)

2 x HD Video Out (up to 1080p60) DVI/HDMI/VGA
enabled— primary and secondary display

Fully Integrated, HD Audio Conference Phone

90 Hz up to 22 kHz frequency support
Audio pickup range up to 4.57 m (15')
Powered by LifeSize Icon 800 directly through
LifeSize Link Cable
Touchscreen user interface
Manage HD video, audio and presentation
Additional support for up to two LifeSize Digital
MicPods
Included 9 m (30') LifeSize Link cable
Optional 4 m (13') and 15 m (49') cables available

LifeSize Link Adapter

Passive adapter converts LifeSize Link to Cat5e/6
cabling
Supports cable distances:
Shielded Cat5e: 46 m (150')
Shielded Cat 6: 61 m (200')
LEDs ensure proper installation
Supports locking RJ45 connectors

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.722.1C licensed from Polycom®,
MPEG-4- AAC-LC, MPEG-4 AAC-LD

Audio Inputs (4 Inputs)

2 x Line In balanced (Phoenix)
1 x LifeSize Link (LifeSize Phone, 2nd Generation with
optional LifeSize Digital MicPods)
4 x HDMI via Video inputs

Audio Outputs (4 Outputs)

1 x Line Out balanced (Phoenix)
1 x LifeSize Link (LifeSize Phone, 2nd Generation)
2 x HDMI via Video outputs

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
Video input selection
Seamless call escalation to a multiparty call
Graphical user interface administration console
Multiple languages supported
Do Not Disturb mode
Video mute
Picture-in-picture

UVC Core Applications

Seamless call escalation for video and voice
participants
Calendar, meeting directory, favorites, unified
searchable directory
Single button streaming and recording
Mobile calling
Video network management
Secure firewall traversal, plus NAT
Microsoft® Lync® integration

Security

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

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
Backup and restore capability
2x USB 3.0

Power

AC voltage 100–240V, 50–60 Hz, 2.5A via internal
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: 440 mm (17.32")
Depth: 310 mm (12.2")
Height: 85 mm (3.35")
Weight: 6.99 Kg (15.42 lbs)

Regulatory Model Number

LifeSize Icon 800 = LFZ-031
LifeSize Link Adapter = LFZ-032

LifeSize®
A division of Logitech

Delivering the Ultimate Communication Experience