

# Video Conferencing Fundamentally Transformed

## Lifesize® Icon 800™

**lifesize**®

**D&A MEDIA**

...the complete systems specialists



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 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.

## 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  
 1 x RJ-45 Network LAN 10/100/1000  
 1 x 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 24 AWG Cat5e: 46 m (150')  
 Shielded 23 AWG 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  
 SNMP  
 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



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