

LIFESIZE® ICON 500™

4K quality with meeting room flexibility



The small to medium-sized meeting room workhorse

Designed for a range of video conference room sizes, Lifesize Icon 500 delivers stunning 4K content sharing and brilliant 4K video quality with impressive meeting room flexibility. Set up your smaller conference rooms with a Lifesize Icon 500 system and a single display, or size up to larger rooms by adding a dedicated display for full-screen presentations. Lifesize Icon 500 provides just the right mix of capabilities to fit perfectly in your office space.

The combination of Lifesize Icon 500 and the Lifesize service delivers an unprecedented communication and collaboration experience that makes it easy to extend communication beyond the meeting room so that everyone who needs to be there can be.

Bring meetings to life

Stunning 4K full-motion content sharing and unmatched 4K video

Never miss a word

Incredible audio engineered with greater noise reduction, featuring Opus audio, perfectly tuned for human speech

Command central

Control Lifesize audio, web and video calls from the highly intuitive, customizable Lifesize® Phone™ HD

Additional flexibility

Extend call control to anywhere in the room with the optional Lifesize Room Controller app downloaded to your room-based tablet

See every detail

Powerful 5x zoom and rich camera optics provide incredible image clarity and an exceptional meeting experience

Centralized management

Get comprehensive reporting, real-time monitoring and room system management with the web-based admin console

Proceed with confidence

Uncompromising value, long-managed life cycle, and high-performance system designed for the reliability and security businesses demand

Immersive experience

With dual display support, share your presentation and engage with active video participants in the meeting

Lifesize® Icon 500™

SYSTEM COMPONENTS

- Lifesize Icon 500 with integrated PTZ camera
- Lifesize Phone HD
- Power supply/cables

COMMUNICATIONS

- 1 x RJ-45 network LAN 10/100/1000
- 1 x RJ-45 supporting POE (for Lifesize Phone HD)
- 802.11ac wireless
- SIP PBX integration support

SUPPORT FOR DUAL DISPLAYS

- Any display with HDMI input supporting 1080p or 4K (UHD) video modes

4K UHD ZOOM CAMERA

- 5x zoom
- Wide-angle zoom lens with:
 - Diagonal field of view: 97 degrees
 - Horizontal field of view: 88 degrees
 - Vertical field of view: 56 degrees
- Pan angle: +/- 90°
- Tilt angle: +/- 15°
- Auto exposure/Auto focus/Auto white balance
- 10 camera presets (near or far end)

VIDEO SPECIFICATIONS

- Maximum resolution 3840 x 2160 progressive scanning up to 30 frames per second, 16:9 aspect ratio^{1,2}
- Presentation data sharing up to 3840 x 2160p30²
- Multiple HD resolutions supported
- Bitrates and resolutions (H.264 High Profile):
 - 600 Kbps (720p30)
 - 1.2 Mbps (1080p30)
 - 6 Mbps (4K)

VIDEO STANDARDS

- H.264 High Profile, H.264 Constrained Baseline Profile

VIDEO INPUTS (1 INPUT)

- 1 x HDMI Video In up to 2160p30
- Presentation source and any intervening devices must encode in RGB color space for accurate color display

VIDEO OUTPUTS (2 OUTPUTS)

- 2 x HDMI Video Out up to 2160p30

AUDIO FEATURES

- WebRTC NetEQ packet loss concealment
- Full duplex for natural conversations
- With Lifesize Phone HD:
 - Advanced acoustic echo cancellation
 - Automatic gain control, noise reduction and beam-forming

AUDIO STANDARDS

- Opus, G.722.1C, G.722, G.711 uLaw and aLaw

AUDIO INPUTS (3 INPUTS)

- 1 x POE LAN (Lifesize Phone HD)
- 1 x HDMI Video In
- 1 x Analog Mic/Line-in

AUDIO OUTPUTS (3 OUTPUTS)

- 1 x POE LAN (Lifesize Phone HD)
- 1 x HDMI Video Out
- 1 x Analog Line-out

OTHER SUPPORTED STANDARDS

- RFC 3261, RFC 3264, RFC 2833, HDMI CEC

NETWORKING FEATURES

- Forward error correction for superior video quality
- Advanced network congestion control algorithms
- NAT/firewall traversal
- Auto bandwidth detection
- IPv4 support

DIRECTORY

- Up to 10,000 directory entries
- Global search tool
- LDAP support
- Meeting directory support

OTHER INTERFACES

- 2 x USB 3.0

SYSTEM MANAGEMENT

- Centralized management from admin console
- Web interface

SECURITY

- Authenticated access to admin menus, web interface and command line interface
- Ability to disable HTTP, SSH services
- TLS/DTLS/SRTP support
- Kensington Security Slot

POWER

- System power 54 watts (max, with Phone HD) supplied by AC-DC power supply (included). AC specification: 100-240 VAC, 50/60 Hz
- Lifesize Phone HD powered by Lifesize Icon 500 directly through POE LAN

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: 246.3 mm (9.7")
- Depth: 122.5 mm (4.82")
- Height: 142 mm (5.6")
- Weight: 1.46 kg (3.2 lbs)

MOUNTING OPTIONS

- Mounting holes: 75 x 75 mm VESA mount pattern
- Mounting screws³: 4 x M3 (0.5 mm pitch) Machine screw, lock washers recommended (Max insertion depth: 4.5 mm)

REGULATORY NUMBER

- Lifesize Icon 500 = LFZ-036

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

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 1080p30 for multiway calls

³ Mounting screws are not included.