

Executive Summary Lifesize Icon 600

Manufacturer: LifeSize

Model: Icon 600™

Software Version: RM3_1.1.2

Optional Features and Modifications: 1080p

**Dual
Monitor**

Date of Test: 29th April – 3rd May 2013



CODEC Front view



CODEC Rear view



LifeSize Camera 10X



Remote Control



LifeSize Digital MicPod™

The IP capable high definition Lifesize Icon 600™ conferencing system is designed to be installed either in a small to medium sized conference room or as part of a Rollabout system. It has adopted a new control philosophy with a simple remote control containing only navigation and microphone mute buttons. The navigation buttons drive an on screen graphic interface more commonly seen on consumer electronics as opposed to videoconferencing equipment.

The system includes a high definition (HD) Camera, microphone pod and infrared remote control.

The system is available with 2 camera and 2 microphone options:

- CODEC, Camera 200, Digital MicPod™
- CODEC, Camera 10x, Digital MicPod™
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CODEC, Camera 200, LifeSize Phone™

- CODEC, Camera 10x, LifeSize Phone™

The Camera 10x has a 10x zoom lens and is more sensitive in low light conditions than the Camera 200 with its 4x zoom.

Dual monitor and 1080p support are also both available as options. The systems supplied for evaluation included the 10x Camera and the LifeSize Digital MicPod™ desk microphone together with dual monitor and 1080p options.

The system is capable of conferencing up to a maximum picture resolution of 1920x1080 pixels (1080p) at 60fps with a maximum connection speed of 6 Mbit/s. Compatibility with other H.323 CODECS is achieved across a range of resolutions from CIF (352x288) to 1920x1080 pixels, the quality of the conference being dependent upon the capability of the remote CODEC and the connection speed.

Pros:

- Simple remote control with graphic user interface
- Excellent audio performance
- Video quality including 1080p 30fps on the Presentation Channel
- Good compatibility with other CODECS

Cons:

- Restricted image layout options
- Digital presentation image stretched if 4*3 aspect ratio.

Feature Summary:

Video standards

H.263+ and H.264

Supported video resolutions, 200 including:	QSIF (176x120) QCIF (176x144) SIF (352x240) CIF (352x288) 4SIF (704x480) 4CIF (704x576) 720p (1280x720) at 60 fps 1080p (1920x1080) at 60fps
Communications	H.323 128Kbps - 6Mbps
Audio standards	G.711, G.722, G.722.1, G.722.1C, and MPEG4 AAC-LC 16KHz audio coding
Camera	4x or 10x Optical zoom camera, PTZ function, 1080p native resolution, 10 camera presents, far end camera control
Video inputs	PTZ Camera input (1080p), VGA/DVI Input
Video outputs	Optional dual monitor support HDMI output, VGA/DVI video output,
Audio inputs	Lifesize Link Digital MicPod™, stereo mic/line, HDMI audio, DVI-I audio
Audio outputs	HDMI audio, 3.5mm mini jack audio
VC Auxiliary features	H.239 second video channel up to 1080p resolution @30fps.
Encryption	AES Encryption