

LifeSize Unity 50 is the perfect tabletop or wall-mounted solution for executive offices, small workspaces and home offices. Designed for ease of use, the LifeSize Unity 50 combines best-in-class video, audio and presentation capabilities to accelerate global deployment of HD video collaboration capabilities.

## Telepresence within reach.

Its clever, all-in-one design ensures simple setup and ease of use, accelerating global, consistent deployment of the highest quality HD video collaboration solutions.

**Set It Up in Minutes** With only a power cord and Ethernet cable to plug in, anyone can set it up quickly.

**Collaborate Clearly** LifeSize Unity 50 features 720p30 video, an integrated HD camera and optional LifeSize MicPod support for clear, natural interactions.

**Easy to Use** A simplified user experience, featuring name-based dialing, presence and search, means you can spend your valuable time collaborating, rather than learning complicated menus and commands.

**Work Anywhere More Effectively** Featuring an adjustable tilt stand and VESA interface, LifeSize Unity 50 can also be used as an HD 24" computer display while simultaneously showing video calls.

**Investment Protection** LifeSize Unity 50 is a fully integrated HD video, audio and presentation solution with minimal IT or facilities installation and maintenance required. It provides high investment protection because the solution can be easily redeployed to fit any new location.

Businesses strive to increase collaboration and maximize productivity through real-time communication. LifeSize Unity 50 provides an integrated and optimized HD video collaboration solution created with state-of-the-art components that accelerates global deployment.



### LifeSize Unity 50 Key Features

<b>Simple Setup</b>	Plug and play for complete setup in minutes
<b>HD Video Quality</b>	1280x720—30 fps, 16:9 format
<b>Dual-Use HD Display</b>	1080p 24" LED-backlit LCD display, VESA interface
<b>HD Camera</b>	Integrated HD camera with autofocus, tilt adjust and exceptional low-light handling
<b>Picture-in-Picture</b>	Simultaneously access computer data and video calls
<b>Wireless Data Sharing</b>	LifeSize <sup>®</sup> Virtual Link <sup>™</sup> compatibility for effortless data sharing
<b>Ideal Environment</b>	Executive offices, small workspaces and home offices
<b>HD Audio</b>	High-output speakers for crystal-clear audio (3.5 mm line out to support external powered speakers for larger spaces)

# Product Specifications

## System Components

Fully integrated display, camera, microphone, speakers and codec

## Display

24" LED-backlit LCD display  
1920x1080 resolution, 16:9 aspect ratio  
Contrast ratio: 1,000:1  
Response time: 5 ms  
Auto resolution  
Antiglare surface treatment  
Removable/adjustable tilt stand  
VESA mounting interface (100 x 100 mm)

## Communications

H.323, SIP  
128 Kbps–2.0 Mbps

## HD 720p Camera

Integrated HD Camera  
Autofocus lens  
Automatic low-light correction  
Adjustable tilt mechanism  
Digital zoom  
Camera LED status  
Blue: In Call/Red: In Call–Mute

## Video Specifications/Video Resolutions

Maximum resolutions widescreen 16:9 aspect ratio  
All resolutions progressive scanning  
All resolutions at 30 frames per second  
192 Kbps (432x240 pixels) widescreen FCIF  
384 Kbps (720x400 pixels) cable TV  
512 Kbps (800x488 pixels) DVD resolution  
768 Kbps (1024x576 pixels) 2x DVD resolution  
1.1 Mbps or higher (1280x720 pixels) high definition  
Actual resolution depends on capability of remote end and is impacted by the quality of the communications channel

## Video Standards

H.264, H.263, H.261 and H.239/BFCP compliant with Polycom  
H.239 (transmit)—uses H.264 (requires LifeSize® Virtual Link™)

## Video Inputs (2 Inputs)

1 x HD  
1 x VGA

## Audio Input

1 x microphone in (3.5 mm)  
1 x line in (3.5 mm)

## Audio Output

1 x line out/headset (L+R) (3.5 mm)

## Audio Features

Single microphone with built-in ringer  
High-quality audio speakers  
GIPS NetEQ packet loss concealment  
Full duplex for natural conversations  
Echo cancellation for echo-free calls  
Automatic noise reduction  
Automatic gain control  
MicPod support (optional)

## Audio Standards

G.711, G.722, G.722.1 and G.722.1C licensed from Polycom®, G.728, G.729, MPEG-4 -AAC-LC

## Other Supported Standards

H.225, H.245, H.281, RFC 3261, RFC 3264, RFC 2190, RFC 3407, RFC 2833

## Network Interfaces

Integrated 2-port Ethernet switch  
1 x RJ-45 network LAN  
1 x RJ-45 for PC connectivity

## Stream/Record with LifeSize® Video Center

Stream/record video and data\* outside of a call  
Single button, ad-hoc recording  
Recording indicator

## User Interface & Features

Simplified user interface  
Directory-based dialing  
Picture in Picture mode  
Multiple languages  
Do Not Disturb mode

# LifeSize® Unity 50™



## Security

Admin and user-level password  
SNMP security alerts  
Ability to disable HTTP, SSH and Telnet services  
H.235 (AES) encryption support including strict compliance  
TLS/SRTP support  
IEEE 802.1x support  
Kensington Security Slot™

## Intelligent Networking Features

Adaptive Motion Control (AMC)  
NAT/firewall traversal (H.460/SIP)  
IPv4 and IPv6 support  
Auto bandwidth detection

## Directory and Address Book

Up to 1,000 local directory entries  
Save, lock, remove, redial list features  
Missed call notification  
Auto-discovery directory lookup (patent pending)  
LDAP support/H.350 compliant meetings  
H.323 URI dialing support (Annex O)

## System Management

SNMP  
Backup and restore capability

## Power

AC voltage 100-240V, 50-60 Hz, 1.5A via external 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

## Dimensions

Width: 22.5" (572 mm)  
Depth: 2.25" (57 mm)  
Full Depth with Stand: 8" (203 mm)  
Height: 19.25" (489 mm)  
Weight: 17.9 lb (8.1 kg)

## Regulatory Model Number: LFZ-026

\*Recording data requires LifeSize® UVC Video Center™



LifeSize Unity 50 back panel



LifeSize Unity 50 camera tilt adjust



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