LifeSize®
A division of Logitech

LifeSize® Unity 50™

Making video conferencing easier for both IT and the end user

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. Featuring best-in-class components, LifeSize Unity 50 will keep you closer to your colleagues, customers and partners.

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

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

Product Specifications

LifeSize® Unity 50™

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

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

LifeSize Unity 50 back panel

LifeSize Unity 50 camera tilt adjust

*Recording data requires LifeSize® UVC Video Center™

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