

**HD Video Communications and
Integrated HD Display - All in One
Smart, Simple and Streamlined System**



The integrated HD video communications solution designed to streamline your business.

LG Executive, powered by LifeSize[®], is the ideal combination of an HD video communications solution and the functionality of a HD display, all in one sleek form factor. This jointly developed offering from LG and LifeSize combines HD quality performance, affordability and interoperability to maximize the return on the customer's video communications investment.

The Smart Choice for Highest Quality of Experience

The solution supports 720p30 HD video calling and is a natural extension of the HD quality customers have come to expect from LifeSize. The device is also broadly interoperable with video conferencing endpoints and IP/PBX installations - enabling executives, remote office employees and teleworkers to connect face-to-face with anyone, anywhere.

The Simple Integrated Solution with Easy Set Up

Users can enjoy a high definition, immersive experience without worrying about set up and space required for a separate camera, video endpoint and display. Deployment is simple and takes only minutes, while the sleek 24" display fits easily on an office desk or in a small workspace.

Streamlined Business Activities and Communications

This integrated system combines HD video, camera, wideband audio, all within an HD resolution display. Business users never have to leave the comfort of their office chair to host or participate in a HD video call and can seamlessly switch back to PC use after their call is complete. Business is streamlined and users become more productive.

LG Executive, powered by LifeSize[®]

Simple. Smart. Streamlined.

Key Features

HD Video Communications Point-to-point HD video calls at 720p30 HD resolution

High Definition Display Fully integrated HD video and wideband audio system in a 24" display with 1920 x 1080 HD resolution

Interoperability Broad interoperability with VTC endpoints, IP / PBX installations and Skype™ (audio)

Easy Set Up for Quick Mainstream Deployment 2 wires to set up system: power and Ethernet

Intuitive Graphical Interface Easy switching between HD video conferencing, and PC monitor functionality

Compact Form Factor Integrated 720p camera, microphone array and premium speakers

Product Specifications

LG Executive, powered by LifeSize®

System Components

Fully integrated display, camera, microphone, speakers, and codec
Cables

Display

24" LCD Monitor
1920 x 1080 resolution, 16:9 aspect ratio
Contrast Ratio: 50,000:1
Viewing Angle: 170°/160°
Response Time: 2ms (Typical)
Brightness: 310 cd/m2
Auto resolution
Anti-Glare surface treatment
16.7M colors

Communications

H.323, SIP, Skype™ (audio)
128Kbps – 2.0 Mbps

High Definition 720p Camera

Fixed focus with range from 241MM (9.5") to infinity

Video Specifications / Video Resolutions

Maximum resolutions widescreen 16:9 aspect ratio
All resolutions progressive scanning
All resolutions at 30 frames per second
192 Kbps (432 x 240 pixels) Widescreen FCIF
384 Kbps (720 x 400 pixels) Cable TV
512 Kbps (800 x 488 pixels) DVD Resolution
768 Kbps (1024 x 576 pixels) 2x DVD Resolution
1.1 Mbps or higher (1280 x 720 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 (receive) compliant

Video Formats

High Definition, 16:9 aspect ratio

Video Inputs (2 Inputs)

1 x HDMI
1 x VGA

High Definition Audio Input

Dual Omni-directional, beam forming microphones
100Hz up to 16 kHz

Audio Features

High Definition audio
Built in ringer
GIPS NetEQ packet loss concealment
Full duplex for natural conversations
Echo cancellation for echo-free calls
Automatic noise reduction
Automatic gain control

Audio Standards

G.711, G.722, G.722.1 (Polycom© Siren14™), G.728, G.729, MPEG-4 - AAC-LC

Audio Input

1 x Microphone In (3.5mm)

Audio Output

1 x Line Out/Headset (L+R) (3.5mm)

Other Supported Standards

H.221, H.224, H.225, H.231, H.241, H.245, H.281, BONDING (ISO13871) via LifeSize Networker, 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

User Interface & Features

Context sensitive user interface
Graphical User Interface Call Manager
Multiple languages supported
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 1000 local directory entries
Save, Lock, Remove Redial List features
Missed call notification
Auto-Discovery directory lookup (patent pending)
LDAP support/H.350 compliant Meetings
Skype™ Contacts support

System Management

SNMP
Backup and Restore capability

Power

AC Voltage 100-240V, 50-60 Hz

Environmental Data

Operating temperature:
• 0°C (32°F) to 35°C (95°F)
Operating humidity:
• 15% to 85%, non-condensing
Storage temperature:
• -20°C (-4°F) to 60°C (140°F)
Storage humidity:
• 10% to 90%, non-condensing

Dimensions

- Width: 23.4" (594mm)
- Depth: 2.8" (71mm)
- Height: 20.3" (515mm)

For additional information: www.lifesize.com/support

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