LifeSize® Team 220™

Maximum video quality and features for the entire enterprise

Flexible, Full HD Video

For the first time, Full HD with superior multipoint conferencing is available at the midrange for 1/3 the price of others in its class. Introducing LifeSize® Team 220™—the next step in workgroup video communications.

With LifeSize Team 220, you get Full HD video quality (1080p30/720p60) for natural, realistic interactions. You get unparalleled ease of use and flexibility for workgroups with dual HD display and camera support, digital input and output connections, an embedded 4-way, Full HD multipoint control unit (MCU) and dual microphones.

Outside-the-Box Working Experience

Beyond technologies, over and above service and support, there's the proven enrichment in workgroup efficiency that LifeSize Team 220 offers. LifeSize designs video communications solutions with absolute user simplicity in mind. This is the face-to-face communications experience to rely on when you need to make decisions quickly and confidently.

And just like all of the products in the LifeSize 220 Series, LifeSize Team 220 features:

- Highest available resolution on the market—1080p30
- Unprecedented bandwidth/performance
- Adaptive Motion Control with Forward Error Correction
- Streaming and recording of point-to-point or multipoint calls

LifeSize Team 220 proves once again that the LifeSize difference is the LifeSize experience: Superior video communications across cities, across countries, across continents.

LifeSize Team 220 Key Features

Feature	Details
Video Quality	Full HD Standards-based 1920x1080 - 30fps 1280x720 - 60fps
HD Monitors	
HD Cameras Pan-Tilt-Zoom (PTZ)	
HD Audio	
External Audio & Video Input/Output	Audio: 7 in, 4 out Video: 3 in, 2 out
Point-to-Point HD Video Communications	
Embedded Continuous Presence (CP) HD Multipoint	

Product Specifications

System Components

LifeSize codec with stand
HD PTZ LifeSize Camera 200 or
  LifeSize Camera 10x
LifeSize Phone or LifeSize MicPod
Wireless remote control
Power supply/cables

System Configurations

LifeSize codec, LifeSize Camera 200, Dual LifeSize MicPod
LifeSize codec, LifeSize Camera 10x, Dual LifeSize MicPod
LifeSize codec, LifeSize Camera 200, LifeSize Phone
LifeSize codec, LifeSize Camera 10x, LifeSize Phone

Communications

H.323, SIP, 128 Kbps – 6.0 Mbps (point-point)
128 Kbps – 2.0 Mbps (multipoint, per call)
1xRJ-45 Network LAN (10/100 Mbps)
1xRJ-45 for LifeSize Phone (PoE supported)
1xRJ-45 for LifeSize Networker (PoE supported)
1xRJ-11 for analog telephone line
1x3.5 mm Mic In for LifeSize MicPod

Support for Multiple HD Displays

Any HD display supporting HDMI or DVI-I input
For additional information on displays, visit:
  www.lifesize.com/support

HD 1080p30/720p60 PTZ Camera

Wide-angle zoom lens with 70 degree field of view
Up to 4x/10x optical zoom on LifeSize Camera 200/10x
Auto focus/Automatic gain control
10 camera presets (near or far end)
Standard 3.0 M HDMI cable

Video Specifications/Video Resolutions

Maximum resolutions widescreen 16:9 aspect ratio
All resolutions progressive scanning
All resolutions at 30 frames per second except 60 frames
  per second where noted
384 Kbps (912x512 pixels) DVD resolution
512 Kbps (1024x576 pixels)
768 Kbps(1280x720 pixels) high definition
1.1 Mbps or higher (1280x720 pixels @ p60) high definition
1.7 Mbps or higher (1920x1080 pixels) high definition

Video Standards

H.261, H.263, H.263+, H.264 and H.239 and BFCP compliant
  with Polycom
Support for multiple dual live streaming modes:
  1080p30 and 720p5; 720p60 and 720p5; 720p30 and
  720p30

Video Inputs (3 Inputs)

1 x HD Camera (720p30)
1 x HD Video In (1080p30/720p60)
1 x DVI-I In (HDMI/VGA enabled)

Video Outputs (2 Outputs)

1 x HD Video Out (1080p30/720p60)
1 x DVI-I Video Out (1080p30/720p60)

Audio Features

HD audio
GIPS NetEQ packet loss concealment
Full duplex for natural conversations
Echo cancellation for echo-free calls
Automatic gain control
Automatic noise reduction
MicPod or Dual 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

Fully Integrated, HD Audio Conference Phone

100 Hz up to 16 kHz
Powered by codec directly through cable

HD Active Dual Microphones

Dual omni-directional microphones
LifeSize MicPod splitter
100 Hz up to 16 kHz
Mute button
Powered by codec directly through cable
Includes LifeSize MicPod extension cable (15 m/50 ft.)

Audio Inputs (7 Inputs)

1 x RJ-45 (LifeSize Phone)
2 x Stereo Line In (3.5 mm)
1 x Mic In - Two channel (3.5 mm)
1 x HD Video In
1 x DVI-In
1 x HD Camera In (Focus)

Audio Outputs (4 Outputs)

1 x RJ-45 (LifeSize Phone)
1 x Stereo Line Output (3.5mm)
1 x HD Video Out
1 x DVI-I Out

Other Supported Standards

H.221, H.224, H.225, H.231, H.241, H.242, H.245, H.281,
BONDING (ISO13871) via Networker, RFC 3261, RFC 3264,
  RFC 2190, RFC 3407, RFC 2833

Embedded HD Multipoint Control Unit

Full HD CP MCU with up to 4 participants
Up to 4-way 720p60/720p30/1080p30 CP mode
Transcoding support
Virtual Multiway allows participant viewing control
  (patent pending)
H.239 multipoint support shared from any participant
Disable multipoint option
RS-232 serial pass-through support

Stream/Record with LifeSize® Video Center

Record/stream outside of a call
Record/stream point-to-point or multipoint calls
Capture all, near or far call participants
Auto-record all calls
Single button, ad-hoc recording
Recording indicator

Security

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

Intelligent Network Features

Adaptive Motion Control (AMC) including Forward Error
  Correction (FEC)
NAT/firewall traversal (H.460/SIP)
IPv4 and IPv6 support
Auto bandwidth detection
ISDN support via LifeSize Networker

User Interface & Features

Context sensitive user interface
Graphical user interface call manager
Multiple languages supported
Do Not Disturb mode

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 directory support
H.323 URI dialing support (Annex O)

System Management

Out-of-box setup via web interface and management tool
SNMP
Backup and restore capability
JPEG snapshots through web interface

Power

AC voltage 100–240V, 50–60 Hz, 2.5A via external
  power supply

Environmental Data

Operating temperature: 0° C (32° F) to 40° C (104° F)
Operating humidity: 15% to 85%, non-condensing
Storage temperature: -20° C (-4° F) to 60° C (140° F)
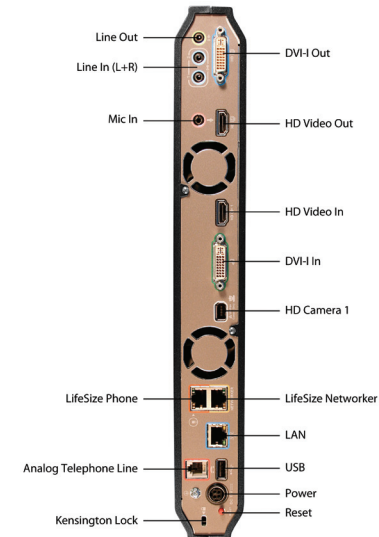Storage humidity: 10% to 90%, non-condensing

Codec Dimensions

Width: 373.9 mm (14.72”)
Depth: 225 mm (8.86”)
Height: 48.3 mm (1.9”)
Weight: 2.17 Kg (4.78 lbs)

Regulatory Model Number
LifeSize Team 220 = LFZ-015

Microsoft® qualified with Microsoft® Office Communications
Server 2007 R2™ and interoperable with Microsoft Lync™.

Line Out		DVI-I Out
Line In (L+R)		
Mic In		HD Video Out
		HD Video In
		DVI-I In
		HD Camera 1
LifeSize Phone		LifeSize Networker
		LAN
Analog Telephone Line		USB
		Power
Kensington Lock		Reset