

## Maximum video quality and features for the entire enterprise



### Flexible, Full HD Video

For the first time, Full HD and superior multipoint conferencing is available at the midrange for 1/3 the price of others in its class. Introducing LifeSize<sup>®</sup> Team 220<sup>™</sup>—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

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	



Microsoft<sup>®</sup> qualified with Microsoft<sup>®</sup> Office Communications Server and interoperable with Microsoft Lync<sup>™</sup>.

# 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](http://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

# LifeSize® Team 220™

## 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

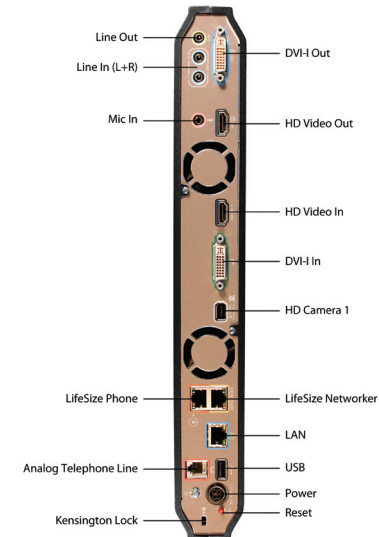
## Codec Dimensions

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™.



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