

## Maximum video quality and features for the entire enterprise



## Flexible, Full High Definition 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® 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 high definition 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 High Definition 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 - LifeSize® Team 220™

## System Components

LifeSize codec with stand  
High Definition PTZ LifeSize Camera 200  
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 200, LifeSize Phone

## Communications

H.323, SIP  
128Kbps - 6.0Mbps (point-point)  
128Kbps - 2.0Mbps (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  
1x3.5mm Mic In for LifeSize MicPod

## Support for Multiple HD displays

Any high definition display supporting HDMI or DVI-I input  
For additional information on displays, visit:  
[www.lifesize.com/support](http://www.lifesize.com/support)

## High Definition 1080P30/720p60 PTZ Camera

Wide-angle zoom lens with 70 degree field of view  
4x Optical zoom / 4x Digital zoom  
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  
384Kbps (912x512pixels) DVD resolution  
512Kbps (1024x576pixels)  
768Kbps (1280x720pixels) High Definition  
1.1Mbps or higher (1280x720pixels @ p60) High Definition  
1.7Mbps or higher (1920x1080pixels) High Definition

## Video Standards

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

## Video Formats

High Definition, 16:9 aspect ratio

## Video Inputs (3 Inputs)

1 x High Definition 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

High Definition 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 (Polycom® Siren14™), G.728, G.729,  
MPEG-4 -AAC-LC

## Fully Integrated, HD Audio Conference Phone

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

## High Definition Active Dual Microphones

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

## Audio Inputs (7 Inputs)

1 x RJ-45 (LifeSize Phone)  
2 x Stereo Line In (3.5mm)  
1 x Mic In - Two channel (3.5mm)  
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

## Stream/Recording

Record/Stream outside of a call  
Record/Stream point-to-point or multipoint calls  
Capture all call participants  
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

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

Regulatory Model Number  
LifeSize Team 220 = LFZ-015

For additional information: [www.lifesize.com/support](http://www.lifesize.com/support)

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