

Flexible, Full HD Video

LifeSize® Team 220™

LifeSize Team 220 gives you Full HD video quality (1080p30/720p60) for natural, realistic interactions.

You also get unparalleled ease of use and flexibility for workgroups with dual HD display and 1080p30 camera support, digital input and output connections, an embedded 4-way, Full HD multipoint control unit (MCU) and dual LifeSize MicPods.

Paired with the LifeSize® Phone™, 2nd Generation, LifeSize® Camera 10x™ and LifeSize® Digital MicPod™, you have the most full-featured video conferencing solution available today. The LifeSize Phone brings touchscreen simplicity to the conference room and eliminates the need for a separate remote control. Users can share content, control the camera, change layouts, add callers and do so much more with ease.



Outside-the-Box Working Experience

Beyond the technology and over and above the service and support, LifeSize Team 220 offers proven enrichment in workgroup efficiency. 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 LifeSize 220 products, 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 At-a-Glance

Video Quality	Full HD Standards-based 1920x1080-30fps 1280x720-60fps
HD Monitors	Supports up to two HD monitors
HD Camera	Supports HD pan-tilt-zoom camera
Manage HD Video & Audio	Control multiparty calls and data sharing with the touchscreen interface of LifeSize Phone, 2nd Generation
Embedded Continuous-Presence (CP) HD Multipoint	Host a multipoint call with the embedded 4-way bridge
Free video-based training	www.lifesize.com/training

System Components

LifeSize codec with stand
 HD PTZ LifeSize Camera 10x
 LifeSize Phone, 2nd Generation or LifeSize MicPod
 Wireless remote control
 Power supply/cables

System Configurations

- LifeSize codec, LifeSize Camera 10x, Dual LifeSize MicPod
- LifeSize codec, LifeSize Camera 10x, LifeSize Phone, 2nd Generation

Communications

H.323, SIP, 128 Kbps–6.0 Mbps (point to point)
 128 Kbps–2.0 Mbps (multipoint, per call)
 1xRJ-45 Network LAN (10/100 Mbps)
 1xRJ-45 for LifeSize Phone, 2nd Generation (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 10x optical 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
 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)

Fully Integrated, HD Audio Conference Phone

90 Hz up to 16 kHz
 Powered by codec directly through cable
 Touchscreen user interface
 Manage both HD video and audio
 Support for up to two LifeSize Digital MicPods (additional purchase)

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
 LifeSize 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

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, 2nd Generation)
 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, 2nd Generation)
 1 x Stereo Line Output (3.5mm)
 1 x HD Video Out
 1 x DVI-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 participants (near or far)

Auto-record all calls
 Single button, ad-hoc recording
 Recording indicator

Security

Admin and user level passwords
 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 and Features

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

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 directory support
 H.323 URI dialing support (AnnexO)

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%, noncondensing
 Storage temperature: –20°C (–4°F) to 60°C (140°F)
 Storage humidity: 10% to 90%, noncondensing

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



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Delivering the Ultimate Communication Experience

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