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.

When paired with Lifesize Cloud and combined with Lifesize® Phone™, 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.

AT-A-GLANCE

Lifesize Cloud	Seamless call escalation, corporate and meetings directories, secure firewall/ NAT traversal, automatic software updates
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 touch-screen interface of Lifesize Phone
Embedded Continuous-Presence (CP) HD Multipoint	Host a multipoint call with the embedded 4-way bridge

Free video-based training
www.lifesize.com/training

Lifesize® Team 220™

Product Specifications

SYSTEM COMPONENTS
Lifesize codec with stand
HD PTZ Lifesize Camera 10x
Lifesize Phone 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

COMMUNICATIONS
H.323, SIP, 128 Kbps–6.0 Mbps (point to point)
128 Kbps–2.0 Mbps (multipoint, per call)
1 x RJ-45 Network LAN (10/100 Mbps)
1 x RJ-45 for Lifesize Phone (PoE supported)
1 x RJ-45 for Lifesize Networker (PoE supported)
1 x RJ-11 for analog telephone line
1 x 3.5 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)
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

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-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® UVC 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

UVC CORE APPLICATIONS*
Seamless call escalation for video and voice participants
Mobile calling
Video network management
Secure firewall traversal, plus NAT

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 & 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: LFZ-015
*Requires Lifesize UVC Platform

HEADQUARTERS
Austin, Texas, USA
+1 512 347 9300
Toll Free US +1 877 543 3749

EMEA REGIONAL OFFICE
Munich, Germany
+49 89 20 70 76 0
Toll Free Europe +00 8000 999 09 799

APAC REGIONAL OFFICE
Singapore
+65 6303 8370

www.lifesize.com
E-mail: info@lifesize.com

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