LifeSize®
A division of Logitech

# LifeSize® Room 220i™

*Now available rack-mounted*

## Experience Exceptional Communication

**Your favorite HD video collaboration solution is now available as secure rack-mounted hardware—introducing LifeSize Room 220i. Now system integrators can set up HD video conferencing solutions in more places in less time. Enjoy the exceptional video conferencing experience that you've come to know and love—now in a new design.**

**Rack-Mounted for Secure, Simple Setup by System Integrators**
LifeSize Room 220i was designed to securely fit industry-standard server racks, credenza racks or podiums, enabling fast, simple setup by system integrators. A premium cooling system regulates the temperature for optimum performance, while locking rear input and output connectors ensure secure and reliable installation—so you never have to worry about cables coming unplugged. The power supply is conveniently located inside, providing quick and easy access for installation. What sets LifeSize Room 220i apart from the rest is that it can easily integrate with custom third-party solutions, including AV equipment, thereby maximizing your organization's existing investment in video conferencing solutions.

**HD Quality for a Superior Video Conferencing Experience**
The new LifeSize Room 220i delivers the same rich video conferencing experience that you've come to know and expect from LifeSize Room 220. It offers HD 1080p30/720p60 video for natural, face-to-face interactions and HD 720p60 video for the best motion handling with lower latency. The 8-way continuous presence 1080p30 multipoint bridge has voice-activated switching and enables users to see four visible sites at one time.

**Intuitive, Easy-to-Use Design Speeds Management for IT Staff**
Managing and maintaining your HD video conferencing equipment should be quick and easy. With LifeSize Room 220i, you're able to simply reset the system and quickly view the system status. Use the remote control and front IR display to swiftly manage the system—no more searching and seeking for the controls because they're all conveniently located on the front of the system.

**A Total Conference Room Solution**
The new LifeSize Room 220i includes the rack-mounted video system, a remote control, LifeSize Camera 10x and LifeSize Phone—delivering a rich conference room experience.

Rack-mounted. Intuitive design. LifeSize Room 220i will enrich your conference room experience and ease deployment and support for your IT team.

**LifeSize Room 220i. Now available rack-mounted.**

## LifeSize Room 220i Key Features

| | |
|---|---|
| Rack-Mounted | Securely fits server racks, credenza racks or podiums |
| Video Quality | Full HD 1920x1080—30 fps; 1280x720—60 fps |
| HD Monitors | Connect up to two displays |
| HD Camera | 1080p30 HD and 10X zoom capability |
| Phone | Touch-screen controls both HD video and audio |
| External Audio, Video & Data Input/Output | Audio: 8 in, 4 out<br>Video: 5 in, 2 out<br>Data: 2 in, 2 out |
| 8-Way Multipoint Bridge | 4-way continuous presence with voice-activated switching |
| Secure Installation | Locking rear input/output connectors and internal power supply |
| Performance | Cooling system regulates temperature |
| System Status | Front reset button, LED display and IR |

# Product Specifications

# LifeSize® Room 220i™

## System Components
LifeSize codec with rack-mount bracket
LifeSize Camera 10x
LifeSize Phone, 2nd Generation
Wireless remote control
Cables

## Communications
H.323, SIP, 128 Kbps–8.0 Mbps (point-point) or 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 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 and far end)
Standard 3.0 M DVI to 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 (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 (5 Inputs)
1 x High definition camera (720p30)
2 x DVI-D HD Video In (1080p30/720p60)
1 x DVI-I In (HDMI/VGA enabled)
1 x BNC Component In or 1 x Composite In

## Video Outputs (2 Outputs)
1 x DVI-D HD Video Out (1080p30/720p60)
1 x DVI-I Out (1080p30/720p60)

## User Interface & Features
Context-sensitive user interface
Graphical user interface call manager
Multiple languages supported
Do Not Disturb mode
RS-232 serial pass-through support

## Fully Integrated, HD Audio Conference Phone
100 Hz up to 16 kHz
Powered by codec directly through cable
Touch-screen user interface
Manage both HD video and audio

## 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

## Audio Inputs (8 Inputs)
1 x RJ-45 (LifeSize Phone, 2nd Generation)
2 x Stereo Line In balanced (Phoenix)
1 x Mic In
2 x HD Video In
1 x DVI-I In
1 x HD Camera In (LifeSize Focus)

## Audio Outputs (4 Outputs)
1 x RJ-45 (LifeSize Phone, 2nd Generation)
1 x Stereo Line Output balanced (Phoenix)
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 LifeSize Networker, RFC 3261, RFC 3264, RFC 2190, RFC 3407, RFC 2833

## Stream/Record with LifeSize® UVC 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 (AES) 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

## 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)

## Embedded HD Multipoint Control Unit
Full HD CP MCU with up to 4 visible participants
Up to 8-way 720p60/720p30/6-way 1080p30 CP or VAS mode
Transcoding support
Virtual Multiway allows participant viewing control (patent pending)
H.239 multipoint support shared from any participant
Disable multipoint option

## System Management
Out-of-box setup via web interface and management tool
SNMP
1 x DB-9 RS-232 port configurable as control
Backup and restore capability
JPEG snapshots through web interface

## Power
AC voltage 100–240V, 50–60 Hz, 2.5A via external power supply
Power on/off switch

## 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: 440 mm (17.32")
Depth: 310 mm (12.2")
Height: 85 mm (3.35")
Weight: 6.99 Kg (15.42 lbs)

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