Feature-Rich, Full HD Video Is Here

LifeSize® Express 220™ is Full HD video communications system that is both affordable and scalable. Ideal for small working groups, teams or individual knowledge workers who want to take communication over distance to the next level, LifeSize Express 220 has it all.

With LifeSize Express 220, you not only get Full HD video quality—1080p30/720p60—for natural, realistic interactions at the lowest possible bandwidth, but also crisp, crystal clear data sharing and an all new digital I/O with Full HD support, plus dual HD displays, Full HD camera, and phone or microphone options.

Express 220 brings people together by allowing them to interact successfully across distances. Seeing facial expressions, body language and gestures makes you feel truly connected and understood.

And just like all of the products in the LifeSize 220 Series, LifeSize Express 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 calls

HD quality. Simplicity. Meaningful team connections. LifeSize Express 220 is clearly how video communications are meant to be.
**System Components**

- LifeSize codec
- HD PTZ LifeSize Camera 200 or LifeSize Camera 10x
- LifeSize MicPod or LifeSize Phone
- Wireless remote control
- Power supply/cables

**Communications**

- H.323, SIP, 128 Kbps - 4.0 Mbps
- 1x RJ-45 Network LAN
- 1x 3.5 mm Mic In for LifeSize MicPod
- 1x RJ-45 for LifeSize Phone or LifeSize Networker (optional)

**Support for Multiple Displays**

- Any HD displays supporting HDMI or DVI-I input

**Video Specifications/Video Resolutions**

- Maximum resolution: widescreen 16:9 aspect ratio
- All resolutions progressive scanning
- All resolutions at 30 frames per second where noted
- 384 Kbps (912x512 pixels) DVD resolution
- 512 Kbps (1024x576 pixels)
- 768 Kbps (1280x720 pixels)
- 1.1 Mbps (1280x720 pixels @ p60)
- 1.7 Mbps or higher (1920x1080 pixels)

**Video Standards**

- H.261, H.263, H.263+, H.264 and BFCP compliant with Polycom

**Video Inputs (2 Inputs)**

- 1x HD Video In (1080p30/720p60)
- 1x DVI-I In (HDMI/VGA enabled)

**Video Outputs (2 Outputs)**

- 2x HD Digital video out (1080p30/720p60)

**HD Audio**

- Single omni-directional LifeSize MicPod
- 100Hz up to 16 kHz
- Mute button (Micpod only)
- Powered by codec directly through cable

**Audio Features**

- GIPS NetEQ packet loss concealment
- Full duplex for natural conversations
- Echo cancellation for echo-free calls
- Automatic gain control
- Automatic noise reduction
- Three-way audio add-on call capability
- MicPod or Dual MicPod support (optional)

**Audio Standards**


**Audio Inputs (5 Inputs)**

- 1x Line In (L+R) (3.5mm)
- 1x Mic In - two channel (3.5mm)
- 1x RJ-45 (LifeSize Phone) (optional)
- 1x HD Video In
- 1x DVI-I In

**Audio Outputs (4 Outputs)**

- 1x Line Out/Headset (L+R)
- 1x RJ-45 (LifeSize Phone) (optional)
- 2x HD Video Out

**Security**

- Admin and user-level password
- SNMP security alerts
- Ability to disable HTTP, SSH and Telnet services
- TLS/SSL support
- IEEE 802.1x support
- Kensington Security Slot

**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)
- Storage temperature: -20° C (-4° F) to 60° C (140° F)
- Storage humidity: 10% to 90%, non-condensing

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- 1x RJ-45 (LifeSize Phone) (optional)
- 1x HD Video In
- 1x DVI-I In

**Audio Outputs (4 Outputs)**

- 1x Line Out/Headset (L+R)
- 1x RJ-45 (LifeSize Phone) (optional)
- 2x HD Video Out

**Other Supported Standards**


**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

**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

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**Codec Dimensions**

- Width: 288 mm (11.34")
- Depth: 187.5 mm (7.38")
- Height: 41.3 mm (1.63")
- Weight: 1.29 Kg (2.84 lbs)

**Regulatory Model Number**

- LifeSize Express 220 = LFZ-018

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**LifeSize® Express 220™**

**Intelligent Networking 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 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)

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