

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 LifeSize MicPod options.

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

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.



LifeSize Express 220 Key Features

Video Quality Full HD
Standards-based
1920x1080-30fps
1280x720-60fps

Multiple HD Monitors Supports up to two
HD monitors

HD Camera Supports HD pan-tilt-zoom
camera

Manage HD Video & Audio Control video, audio
and data sharing with the
touch-screen interface of
LifeSize Phone

HD Video Communications Make point-to-point calls
or join multipoint calls

Product Specifications

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
1xRJ-45 Network LAN
1x3.5 mm Mic In for LifeSize MicPod
1 x RJ-45 for LifeSize Phone or LifeSize
Networker (optional)

Support for Multiple Displays

Any HD displays 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 4x/10x optical zoom on LifeSize Camera
200/10x
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 (1280x720 pixels @ p60) high definition
1.7 Mbps or higher (1920x1080pixels) 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 (2 Inputs)

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

Video Outputs (2 Outputs)

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

Fully Integrated, HD Audio Conference Phone

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

Audio Features

GIIPS 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
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

Audio Inputs (5 Inputs)

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

Audio Outputs (4 Outputs)

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

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 call participants (near or far)
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

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 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 (Annex O)

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

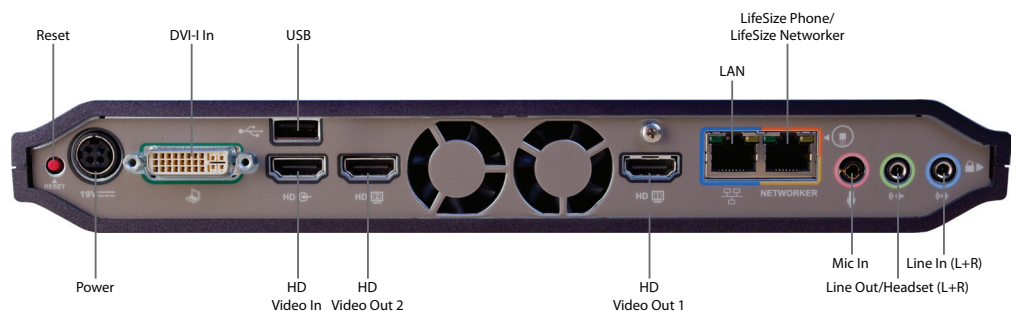
Operating temperature: 0°C (32°F) to 40°C (104°F)
Operating humidity: 15% to 85%, non-condensing
Storage temperature: –20°C (–4°F) to 60°C (140°F)
Storage humidity: 10% to 90%, noncondensing

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


Microsoft® qualified with Microsoft® Office Communications
Server 2007 R2™ and interoperable with Microsoft Lync



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