

Feature-Rich, Full HD Video Is Here

Lifesize® Express 220™



Lifesize Express 220 is a 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 Digital MicPod options.

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 cameras, change layouts, add callers and do so much more with ease.

Lifesize 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 Lifesize 220 products, 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 Cloud is available as a separate subscription

**Requires Lifesize Cloud and Lifesize Cloud Amplify subscriptions

*** Requires Lifesize UVC Video Center



AT-A-GLANCE

| | |
|---|---|
| Lifesize Cloud* | Seamless call escalation, corporate and meetings directories, secure firewall/NAT traversal, automatic software updates |
| Record and Share Calls with Lifesize Cloud Amplify** | Easily record a video call or meeting from any device and automatically publish videos into your own video library |
| 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 touchscreen interface of Lifesize Phone |
| HD Video Communications | Make point-to-point calls or join multipoint calls |

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

Lifesize® Express 220™

Product Specifications

SYSTEM COMPONENTS

Lifesize codec
HD PTZ Lifesize Camera 10x
Lifesize Digital MicPod or Lifesize Phone
Wireless remote control
Power supply/cables

COMMUNICATIONS

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

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 (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

Touchscreen user interface

Manage both HD video and audio

Support for up to two Lifesize Digital MicPods (additional purchase)

AUDIO STANDARDS

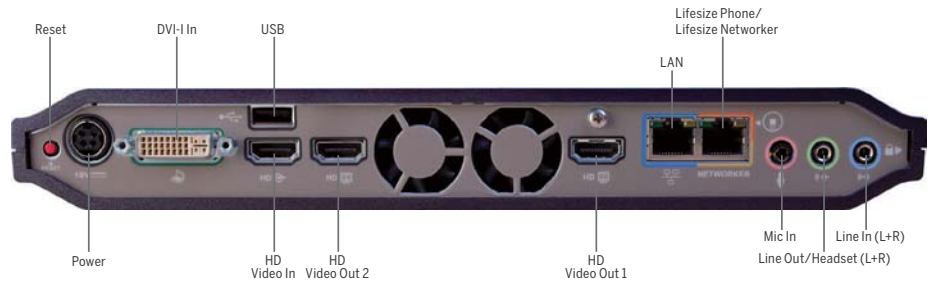
G.711, G.722, G.722.1 and G.722.1C licensed from Polycom,
G.728, G.729, MPEG-4-AAC-LC

AUDIO 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

Single or dual Lifesize Digital MicPod support (optional)

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

LIFESIZE CLOUD*

Shared directory

Name-based dialing

Virtual meeting rooms

Seamless call escalation

Recording and sharing**

Automatic software updates

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 & 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: 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

LFZ-018

*Lifesize Cloud is available as a separate subscription

**Requires Lifesize Cloud and Lifesize Cloud Amplify subscriptions

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