

Lifesize Camera 10x Datasheet

The Power to Zoom



Lifesize® Camera 10x™ offers the highest quality zoom capability for any size office, conference room, meeting center or auditorium where Full HD quality video must be captured over a distance. To further advance image clarity and flexibility of use, Lifesize Camera 10x delivers immersive image quality in a wide range of light conditions, including low-light environments such as an executive boardroom or a large university lecture hall.

Lifesize Camera 10x is designed to support and enhance HD video communications by providing lifelike video quality through 10x optical zoom, better low-light handling in medium and large spaces and support for Full HD 1080p up to 60 frames per second. Lifesize Camera 10x, bundled with any of the Lifesize® 220™ or Lifesize® Icon™ Series offerings, perfectly captures every gesture and facial expression. It's so detailed and true to life, it's as if you are there.

With smooth, quiet pan/tilt/zoom handling and the anti-glare visor, Lifesize Camera 10x ensures that conference participants and the information being shared remain the focus of the HD video call. Lifesize Camera 10x is the ideal choice for a truly collaborative, true-to-life communication experience.

Lifesize Camera 10X

Improved Pan/Tilt/Zoom Functionality	Smoother operational handling for more lifelike interactions
Full HD 1080p60 and 10x Zoom Capability	HD video quality for large meeting rooms
Excellent Low-Light Handling	Better quality video in poorly lit environments
Antiglare Visor and Lens Coating	Reduced light glare on lens to ensure more productive HD video communications
HDMI Video Out Support	Support for cable lengths up to 50 feet (15 meters)

Product Specifications



Camera

- Resolution: 1920x1080/1280x720
- Frame Rate: 60 fps @ 1080p/60 fps @ 720p
- Shutter Speed: 1/30, 1/50 (50Hz), 1/60, 1/100 (50Hz), 1/120 second
- Format: 16:9
- Illumination: 150 lux to daylight
- Exposure: Auto/EV adjustment
- White Balance: Auto/manual
- Focus: Auto, passive contrast
- Focus Range: 30 cm (12") to infinite

Lens and Image Sensor

- Lens Construction: 12 element zoom
- Aperture: F/2.8—F/4.2

- Distortion: Less than 5%
- Sensor Type: CMOS
- Effective Pixels: 2,073,600
- SNR: 52 dB

Pan/Tilt/Zoom

- Pan Angle: +/- 87.5° (245° total view range)
- Tilt Angle: +/- 30° (102° total view range)
- Optical Zoom: 10x
- Horizontal Field of View: 8° to 70°
- Aperture Priority: Fixed

Features

- Tripod Mount: Standard 1/4-20 tripod mount
- Self Check-up: Yes
- Presets: 10

Interface

- 1 x HD Camera Port (1080p/720p)

Cables

- 1 x HDMI (3M/ 9.8 ft)

Power Supply

- Universal input AC/DC provided
- 100-240VAC 50/60HZ
- 20w typical, 46w maximum

Lens Cap

- Included

Antiglare Visor

- Included

Cable Lengths

- Additional distances possible with third-party HDMI extenders
- Tested: Extron HDMI 201, 170 feet (52 meters)

Overall Dimensions

- Width: 184 mm (7.25")

- Depth: 148 mm (5.83")
- Height: 156 mm (6.14")
- Weight (with shroud): 1.4 kg (2.998 lbs)
- Shipping Weight: 2.6 kg (5.7 lbs)

Environmental Parameters

- 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

HEADQUARTERS

Austin, Texas, USA
 +1 512 397 9300
 Toll Free US +1
 877 543 3749

APAC Regional

Office
 Singapore
 +65 6303 8370



www.lifesize.com

EMEA Regional

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

E-mail:
info@lifesize.com

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