

# Creating superior motion capture technology for over 35 years

Our motion capture cameras offer compact design, high accuracy, and robust performance. Our camera models are all “plug and play,” field upgradeable, and compatible with our other cameras.

Google



ESPN



ACTIVISION

BBC

Reebok

CNN



saucony

## Ultimate flexibility and investment protection

Our cameras are able to independently adjust the strobe density, exposure duration, and frame rate, allowing you to easily optimize your system in different lighting conditions and accommodate various speeds of movements in the capture volume.

The cameras' signals are sent to the tracking computer via an Ethernet connection, streamlining the delivery of data and reducing the need for additional hardware.

All of our cameras can be mixed and matched, with compatibility between cameras with different resolutions and capabilities.

### Kestrel 4200



The highest frame rate, resolution and data quality. An excellent investment for large and complex mocap systems.



## Camera Specification

Frame size (pixels): 4.2 megapixels

Resolution: 2048 x 2048

Frame rate at full resolution: 200 fps

Sensor maximum frame rate: 10,000 fps

Shutter type: Global shutter

Camera lens: 12.5mm, 12-36 mm Zoom

Camera power supply: HCP-8

Camera connectors: Ethernet, Sync in/out

Camera cabling Standard: Cat5E power over ethernet

Camera body dimensions: 86 mm wide x 80 mm deep & 90 mm high

Camera weight, including Ringlight: 1.25 lb. (0.57 kg)

Number of camera mount points: 5

## Ringlight

Strobe Type: Near Infrared (750 nm), Full Infrared (850 nm)

Strobe electronics: Integrated, software reprogrammable

LEDs: 36 surface mounts

Adjustable Illumination: Yes

## Environmental

Temperature, Operating: 10° to 25°C, (50° to 77°F)

Temperature, Storage: -40° to 65°C (-40° to 149°F)

Relative Humidity: 20% to 80% (non-condensing)

## System Connectivity

Plug and play compatibility: Yes

System connectivity: Gigabit Ethernet

Custom control interface: Yes

Camera number indicator: Yes

Integrated camera display panel: No

Insight auto-focus: Yes

Communication status indicators: Yes

Maximum number of cameras: Unlimited

Multiple camera types in system: Yes

Genlock to external video source: Yes

Synchronize to external signal: Yes

IP addressable: Yes

IP reconfigurable: Yes

External A/D sync and clock: Yes

**Learn more about our high-quality, extremely accurate,  
low-latency digital tracking cameras**



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