MOTION ANALYSIS

Kestrel 4200 Plus
Digital Realtime Motion Capture System

CAMERA

Frame Size (pixels)	4.2 Megapixels
Resolution	2048 x 2048
Frame Rate at Full Resolution	200 fps
Sensor Maximum Frame Rate	10,000 fps
Sensor Type	Global Shutter
Camera Power Supply	HCP-8
Camera Lens	12-36mmVarifocal (standard) or Super-wide (option available)
Camera Connectors	Ethernet, Sync in/out
Camera Cabling	Standard Cat5E, Power over Ethernet
Camera Body Dimensions	4.75"D x 3.62"T x 3.62" W / 12.1cmD x 9.2cmT X 9.2cmW
Camera Weight (including ringlight)	1.98lbs / 0.90kg
Number of Camera Mount Points	Five (5)

RINGLIGHT

Strobe Type	Near Infrared (750 nm), Full Infrared (850 nm)
Strobe Electronics	Integrated , Software Reprogrammable
LEDs	36 Surface Mount
Adjustable Illumination	Yes

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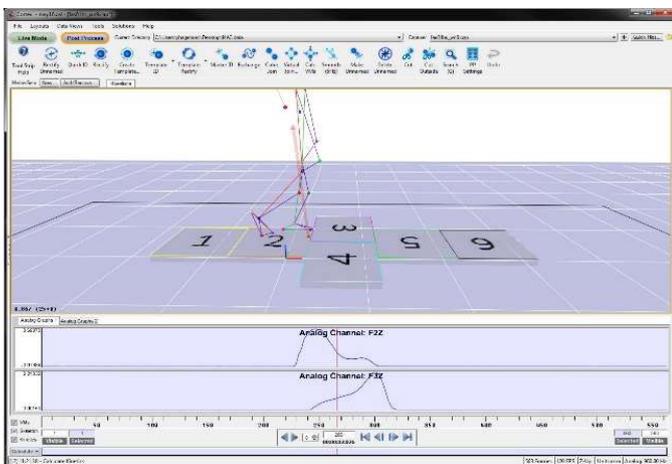
ENVIRONMENTAL

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

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