

Kestrel 4200 Digital RealTime System



CAMERA

Frame size (pixels)	4.2 megapixels
Resolution	2048 x 2048
Frame rate at full resolution	200 fps
Sensor maximum frame rate	9,500 fps
Shutter type	Global Shutter
Standard 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	86mm wide x 80mm deep x 90mm 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 mount
Adjustable Illumination	Yes

Motion Analysis Corporation
3617 Westwind Boulevard
Santa Rosa, CA USA 95403

(T) 707.579.6500
www.motionanalysis.com
info@motionanalysis.com

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 compatability	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

