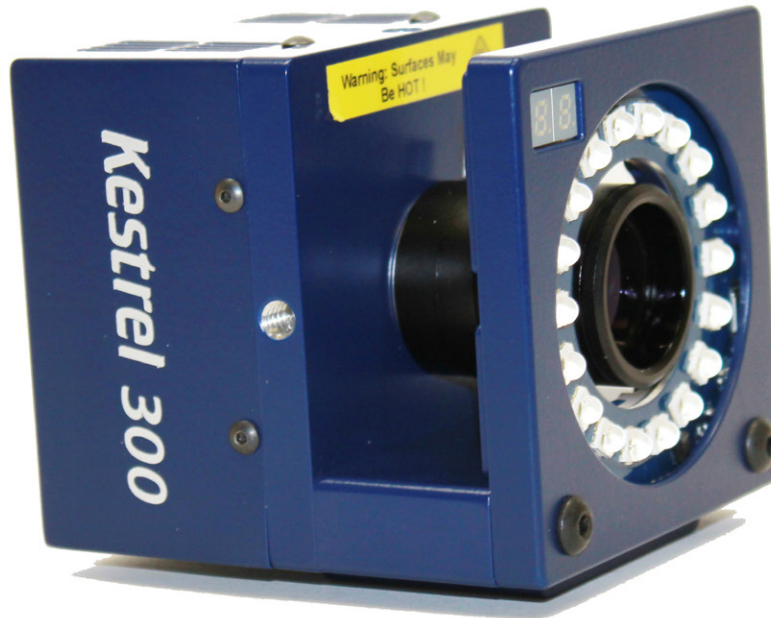


# Kestrel 300 Digital RealTime System



## CAMERA

Frame size (pixels)	0.3 megapixels
Resolution	640 x 480
Frame rate at full resolution	810fps
Sensor maximum frame rate	6,800 fps
Shutter type	Global Shutter
Standard lens	4-12 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	18 surface mount
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 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

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

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

