



[www.InfraredCamerasInc.com](http://www.InfraredCamerasInc.com)  
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The new DuraCam P-Series portable thermal imager offers outstanding image quality and temperature measurement performance in an affordable, rugged and easy to use infrared camera.



Auto and electronic focus  
High-definition image  
Laser pointer  
Flexible output: VGA or USB  
0.5x wide angle, 2x & 3x available  
Removable CF & 256M Flash Memory

# DuraCam 320

## *P-Series*

# DuraCam 320

## P-Series



Detector type	Focal Plane Array (FPA), uncooled microbolometer
Thermal sensitivity NETD	0.08 C@30 C (32.14F@86F)
Resolution	320x240
Spatial resolution	1.13mrad
Spectral range	8-14 m m
Viewfinder	Color LCD & adjustable eyepiece
Image frequency	50Hz(PAL)/60Hz(NTSC)
Thermal image	Built-in 4" LCD, infrared image
Palettes	9
Operating temperature	-20 C~50 C (-4F~+ 122F)
Field of View/ min focus distance	20 X 15 / minimum focus distance 0.5m
Spatial resolution (IFOV)	1.13 mrad
Laser pointer	Built in laser pointer
Electronic zoom	8x continuous
Temperature range	-20 C~+1200 C (-4F~+ 2192F)
Measurement	+2 C or +2%
Temperature measurement mode	4 moveable spots, lines, 3 adjustable area boxes with live temperature tracking analysis (maximum, minimum or average)
Temperature alarming	Preset temperature sound and visual alarming
Isotherm	Color display selected temperature range
Image	Manual/auto, built-in, 256M CF (2000 images)
Image voice annotation	40 seconds/per image
Storage temperature	-40 C~70 C (-40F~158F)
Humidity	95%
USB	USB 2.0
Video output	VGA
Digital output	10 bit
External power	6~9V DC
Battery	Rechargeable Li-lion, 2 Hours continues operation
Weight	3.5 pounds (including battery and lens)
Size	5.1" X 4.7" X 10"

Auto and electronic focus

High-definition image

Laser pointer

Hotspot, coolspot, or average temperature tracking

Flexible output: VGA or USB

0.5x wide angle, 2x & 3x available

Removable CF & 256M Flash Memory

