

# ICI 7320 S Series



## ICI 7320 Scientific Series Radiometric Camera

<b>Detector:</b>	Microbolometer 320 x 240 UFPA VOX
<b>Field of View:</b>	36° with standard 25mm lens
<b>Instantaneous Field of View:</b>	1.13 mrad
<b>Spectral Response:</b>	7 to 14 microns
<b>Video Update Rate:</b>	9 Hz (14 bit digital)
<b>Focusing Distance:</b>	4" to infinity
<b>Focus Adjustment:</b>	Manual / Electronic focus available
<b>Temperature Dynamic Range:</b>	14 Bits
<b>Accuracy:</b>	±1° C or ±1%
<b>Thermal Sensitivity:</b>	<38 mk
<b>Operating Temperature:</b>	-20° C to 50° C
<b>Storage Temperature:</b>	-40° C to 70° C
<b>Environmental Protection:</b>	IP54
<b>Shock:</b>	30g
<b>Vibration:</b>	3g
<b>Palettes:</b>	8 palettes including color and B&W

InfraredCamerasInc.com  
(866) 861-0788  
(409) 861-0788



Includes IR Flash Professional Thermal Imaging Software.  
Optional application software:  
DLL's-Labview & C++  
Optional SDK available

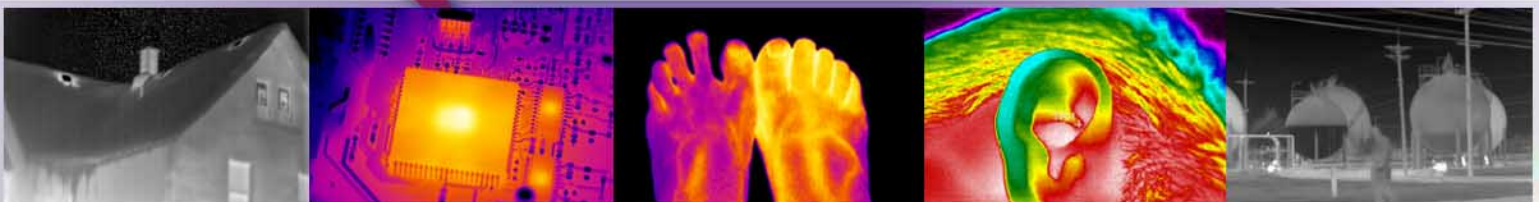
### Optional Lenses Available

5mm	87° FOV
10mm	46° FOV
18mm	25° FOV
25mm	36° FOV
50mm	11° FOV
75mm	7.3° FOV
100mm	5.5° FOV
150mm	3.7° FOV

Automatic or Manual Gain and Level  
1 watt input powered by computer USB connection  
Weight: 5.2 oz (148g) w/ lens  
Dimensions: 2.1" x 3.2" x 0.5" (53mm x 81mm x 13mm)  
Data Interface: USB2  
Outputs: USB2



ICI 7320 shown with optional 35 Micron Microscopic Lens



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