

ICI 7320 P Series



ICI 7320 Professional Series Radiometric Camera

Detector:	Microbolometer 320 x 240 UFPA VOX
Field of View:	18° with standard 25mm lens
Instantaneous Field of View:	Lens dependent
Spectral Response:	7 to 14 μm
Video Update Rate:	50-60 Hz (14 bit digital)
Focusing Distance:	4" to infinity
Focus Adjustment:	Manual / Electronic focus available
Temperature Dynamic Range:	16 Bits
Accuracy :	$\pm 1^\circ\text{C}$ or $\pm 1\%$
Thermal Sensitivity:	<27 mk
Operating Temperature:	-20° C to 50° C
Storage Temperature:	-40° C to 70° C
Environmental Protection:	IP54
Shock:	30g
Vibration:	3g
Palettes:	8 palettes including color and B&W

InfraredCamerasInc.com
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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	18° 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



Building Inspections

Printed Circuit Boards

Disease Monitoring (MS)

Medical Applications

Preventative Maintenance