

# Infrared Cameras Inc.

## ICI 7640 P-Series

<b>Detector:</b>	Microbolometer 640 x 480 UFPA VOX
<b>Field of View:</b>	75mm F1 or 100mm F1.4
<b>Spectral Response:</b>	8 to 12 microns
<b>Video Update Rate:</b>	15 hz
<b>Focusing Distance:</b>	12 in to infinity
<b>Interfaces:</b>	1394 Firewire
<b>Temperature Dynamic Range:</b>	16 Bits
<b>Thermal Sensitivity:</b>	0.05C @ 30C
<b>Operating Temperature:</b>	-20C to 50C
<b>Storage Temperature:</b>	-40C to 70C
<b>Environmental Protection:</b>	IP54
<b>Shock:</b>	30g
<b>Vibration:</b>	3g
<b>Palettes:</b>	8 palettes including color and B&W
<b>Typical Power:</b>	2.2 watts supplied through 1394 interface or DC power connector

Automatic Gain and Level

Weight: 21 oz.(470g) without lens

Dimensions: 3.92"(100mm) x 3.92"(100mm) x 2.3"(43.6mm)  
without lens



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Application software:  
DLL's-Labview & C++  
Optional SDK available

