

Infrared Cameras Inc.

ICI 7640 P-Series

Detector:	Microbolometer 640 x 480 UFPA VOX
Field of View:	18° w/ 25mm & 25° w/ 18mm
Spectral Response:	7 to 14 microns
Video Update Rate:	15 hz
Focusing Distance:	4" to infinity
Interfaces:	USB 2.0
Temperature Dynamic Range:	16 Bits
Thermal Sensitivity:	0.038°C @ 30°C
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
Typical Power:	<1watts supplied through USB 2.0

Automatic Gain and Level

Weight: 4.5 oz.(127.6g) without lens

10.6 oz(300.5g) w/ 18mm lens

Dimensions: 2.1" x 3.2 x 0.5" (53mm x 81mm x 13mm)



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Application software:

DLL's-Labview & C++

Optional IR Flash or SDK available