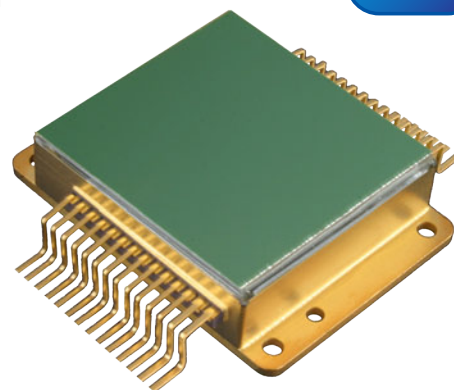


Nano 384E**384x288 (25µm pitch) Uncooled Microbolometer**Nano
n 25µm
pixel

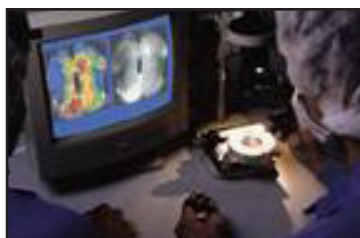
- Easy TEC-less Implementation
- 8-14µm Spectral Response (LWIR)
- High Uniformity (< 1.5% deviation)
- Integrated TEC for FPA Temperature Stabilization (if desired)

**NANO 384E MICROBOLOMETER SPECIFICATIONS**

Spectral Response	8-14µm
Material	Resistive amorphous silicon
Array Format	384x288 pixels
Pixel Pitch	25µm
NETD	< 40mK (F/1, 300K, 60Hz)
Thermal Time Constant	< 10ms (optional < 7ms)
Typical Array Operability	> 99.9%
Power Consumption	< 110mW
Size	32 x 23.5 x 7.4 mm (excl pin out)
Weight	< 25g
Operating Temperature Range	-40°C to 85°C
Standards	MIL-STD-810 and -883

ORDERING INFORMATION

Description	Nano 384E
Model Code	915248
ULIS Part Number	UL03191-022



medical imaging



process control



predictive maintenance

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