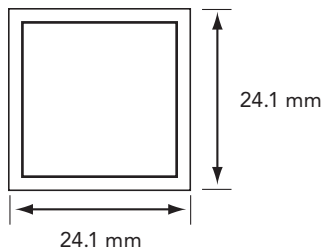
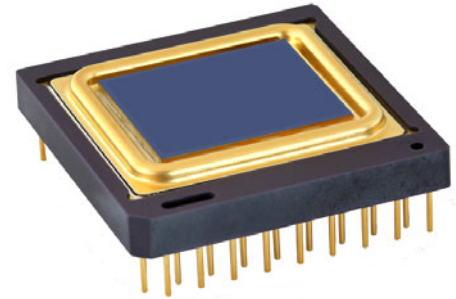


Pico™ 384

384x288 (17µm pitch) Uncooled Microbolometer



- High performance, mid-format infrared imaging
- Robust for extreme environments
- Detects fast moving objects because of short thermal time constant
- Ideal for portable and mobile products
- 24/7 surveillance capable
- 8-14µm spectral response (LWIR)



PICO™ 384 SPECIFICATIONS

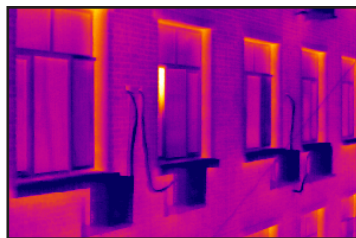
Spectral Response	8-14 µm
Material	Resistive Amorphous Silicon
Array Format	384x288 pixels
Pixel Pitch	17µm
NETD (F/1, 300K, 50Hz)	Pico 384E - 40mK typical Pico 384P - 55mK typical
Thermal Time Constant	< 10ms
Operability	> 99.9% typical
Uniformity	< 1.5% deviation
Power Consumption	< 65mW
Size	24.1 x 24.1 x 4.8 mm (excl pin out)
Weight	< 7g
Operating Temperature Range	-40°C to 85°C
Standards	MIL-STD-810 and -883
MTTF	> 15 years
Over Exposure	Sun safe
Electrical Interface	I ² C serial link to facilitate communications

ORDERING INFORMATION

Description	Pico™ 384E	Pico™ 384P
Model Code	915341	916001
ULIS Part Number	Pico™ 384E-043	Pico™ 384P-049



security systems



commercial imaging



soldier systems

Technical characteristics described in this data sheet are for information only and are not contractual. Because of ongoing product enhancements, specifications are subject to change without notice. Export of these products from the United States is controlled by the US Government. Prior authorization is required for re-export or transfer.



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