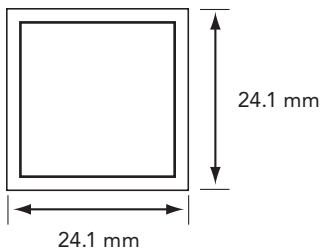
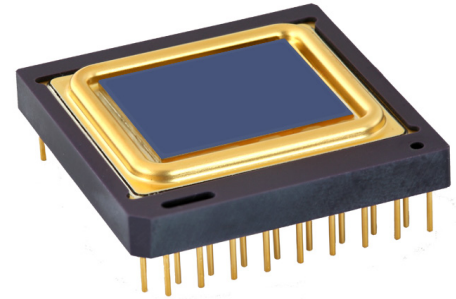


## Pico™ 384

## 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

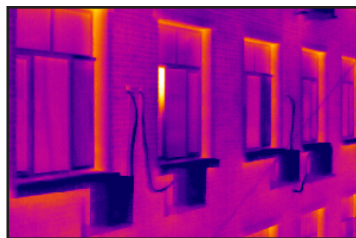
Spectral Response	8-14 µm
Material	Resistive Amorphous Silicon
Array Format	384x288 pixels
Pixel Pitch	17µm
NETD (F/1, 300K, 50Hz)	Pico 384E - 40mK typical Pico 384P - 55mK typical
Thermal Time Constant	< 10ms
Operability	> 99.9% typical
Uniformity	< 1.5% deviation
Power Consumption	< 65mW
Size	24.1 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 <sup>2</sup> 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-037



security systems



commercial imaging



soldier systems

[www.gmp.ch](http://www.gmp.ch)