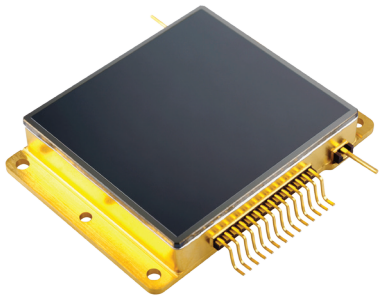


Thermal Image
Sensors

Pico1024Gen2™

1024 x 768 - 17 μm



DESIGNED FOR HIGH DEFINITION INFRARED IMAGING

Designed for the most demanding environments, Pico1024Gen2 offers high resolution and high contrast imaging for long range detection applications.



SURVEILLANCE
& UAV



DEFENSE



THERMOGRAPHY

+ OUTSTANDING IMAGE QUALITY

+ PROVEN RELIABILITY

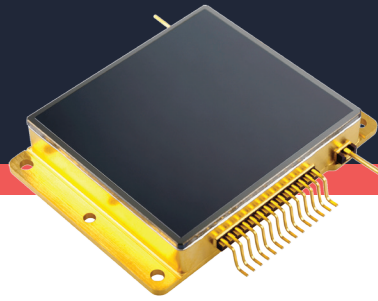
+ SEAMLESS INTEGRATION



LYNRED
BY SOFRADIR & ULIS

Pico1024Gen2™

1024 x 768 - 17 μm



DESIGNED FOR
HIGH DEFINITION
INFRARED IMAGING

PRODUCT NUMBER: **PIC01024-048**

OUTSTANDING IMAGE QUALITY

“Detects fast moving objects”

- Sharp contrast
 - 30 mK < Thermal sensitivity < 50mK (F/1, 300K, 30Hz)
 - Extended operating temperature [-40°C; +85°C]
- Fluid and smooth image
 - Frame rate up to 120Hz
 - Thermal time constant < 12 ms
- High uniformity
 - Array operability > 99,5 %
 - Scene dynamic > 100°C

PROVEN RELIABILITY

“Robust for extreme environments”

- Standards MIL810 - MIL 883
- Thermal Weapon Sight (TWS) qualified
- Product availability and exportability
 - Products designed and manufactured in Europe
- Product delivery to our customers
 - On-time order deliveries > 95%

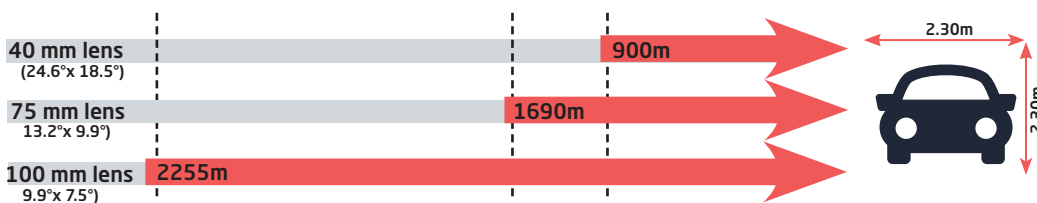
SEAMLESS INTEGRATION

“Ready for high volume production”

- Flexible configuration
 - Full access to sensor features through serial link
 - External frame synchronization capability
- Simplified image processing
 - TEClass, Shutterless compatible
 - Single gain table and predictable offset management for reduced calibration time
- Battery optimization
 - Low power consumption < 220 mW



Recognition distances for vehicle measuring 2.3 m x 2.3m



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Specifications are subject to change