



PICO640S BB 7-14™

640 x 480 - 17µm

The uncooled detector PICO640S BB 7-14™ provides high sensitivity to optimize your LDAR (Leak Detection and Repair) practice.

Built on proven technology, it limits development costs and shortens time to market.

DESIGNED TO REDUCE YOUR ENVIRONMENTAL IMPACT WITH **OPTICAL GAS IMAGING**



**GREENHOUSE GASES
DETECTION : CH₄, SF₆, SO₂
AND REFRIGERENT**



**CONTINUOUS EMISSIONS
MONITORING**



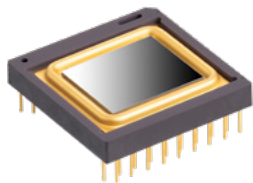
**HIGH SENSITIVITY FOR
EARLY-STAGE LEAK DETECTION**

GAS
DETECTION



INFRARED DETECTORS

ORDERING REFERENCE: PICO640S BB 7-14™



●● DESIGNED TO REDUCE YOUR ENVIRONMENTAL IMPACT WITH OPTICAL GAS IMAGING ●●

MULTI-PURPOSE



IMAGE QUALITY



RUGGEDIZED FOR HARSH ENVIRONMENT



RELIABLE



SEAMLESS INTEGRATION



LOW POWER CONSUMPTION

ENHANCED IMAGE QUALITY

Sharp contrast	<ul style="list-style-type: none"> ■ Thermal sensitivity < 30 mK (f/1, 300K, 30Hz) ■ Extended operating temperature [-40°C; +85°C]
Fluid and smooth image	<ul style="list-style-type: none"> ■ Frame rate up to 60Hz ■ Thermal time constant: 12 ms
Sensor type	<ul style="list-style-type: none"> ■ Array operability > 99.5 %

PROVEN RELIABILITY

	<ul style="list-style-type: none"> ■ Standards MIL810 – MIL883
Product availability and exportability	<ul style="list-style-type: none"> ■ Products designed and manufactured in Europe
	<ul style="list-style-type: none"> ■ Guaranteed 10 years against vacuum loss

SEAMLESS INTEGRATION

Product platform	<ul style="list-style-type: none"> ■ Footprint compatible with PICO640 family ■ Full access to sensor features (I²C) ■ External frame synchronization capability
Simplified image processing	<ul style="list-style-type: none"> ■ TECless, Shutterless compatible ■ Single gain table and predictable offset management
Battery optimization	<ul style="list-style-type: none"> ■ Low power consumption < 130 mW



LYNRED HEADQUARTERS DEVELOPMENT & PRODUCTION CENTER

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