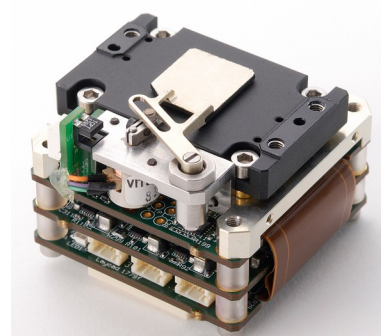


LEANN™

Un-cooled thermal engine

Thermal Engines

exceptional image clarity and high detailing picture at longer ranges due to advanced real time image processing



Benefits

- Fit for 25 μ detectors
- Low power consumption
- MIL-STD 810

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Operational use

LEANN-2 thermal engine is a military grade IR camera. It can be integrated on weapon systems and platforms with the capability of withstanding high recoil shocks, vibrations and harsh environment. It is fully rugged and Nitrogen sealed.



Superior Image

LEANN-2 thermal engine incorporates unique image processing algorithms for superior details observation. The camera has an outstanding image quality and the ability to get excellent pictures through heavy smoke. It is equipped with a digital video interface that conforms to the Camera Link industry standard. can be supplied with several types of Senso-Optics aspheric thermal lenses configured for Military, Homeland security or Industrial applications

Specifications

Sensors	VOx Micro-bolometer (25µm Pitch)
Array Format	640x480 or 384x288
Operating Temp.	-20 °C to +60 °C
Storage Temp.	-40 °C to +70 °C
Input Voltage	8-16 Volts, 12 VDC nominal
Turn On Time	2 seconds
Video Interfaces	User Selectable (Multi-System) PAL/ NTSC Composite video Camera Link Digital video
Water Sealed (w/Nitrogen)	IP-68
Shock	70G (5 ms)
NEdT	< 50 mK (@ 300K scene , f/1.0, 50 Hz)
Environment	MIL-STD 810
Dimensions	58.5mm x 56mm x 52mm (W x H x L), Weight 175 gr.

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