

LEANN-75 RC

Naval - Military Grade Un-Cooled Thermal Camera for Surveillance and observation

Surveillance & Observation



- ◆ LEANN-75 is a compact Naval-Military Grade Un-Cooled Thermal camera.
- ◆ LEANN-75 is designed for harsh environment operation, 24/7 adverse weather conditions for surveillance and observation.
- ◆ LEANN-75 is based on a State of the art VOx detector array technology in the 8÷12micron LWIR spectrum.
- ◆ LEANN-75 is equipped with 75mm motorized lens for remote controlled operations such as Mast mounted and/or Pan & Tilt mounted camera.

Benefits

- Light weight - less than 850 gr.
- Special Algorithms for high resolution image quality, all-weather contrast enhancement, Anti-Blooming in high temperatures scenarios, etc.
- MIL-Standard , Naval-Military Grade

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LEANN-75 Technical Specifications

Thermal Camera	
Technology	VOx Micro-bolometer, Un-Cooled
Array Format	320 x 240 or 384 x 288
Pixel Pitch	25µm
Spectral Bandwidth	LWIR 8÷12 µm
NEΔT	50mk @ 300K scene , f/1.0, 50 Hz
Operating Mode	Tec-Less
Thermal Lens	
EFL (Effective Focal Length)	75 mm
F# /	1.5
Field Of View	6.8° X 5.1° [25µ, 384X288 detector]
Clear Aperture	Φ 50 mm
Focusing	Motorized
Focus Range	≥ 20m to Infinity
General / Environmental	
Dimensions	89 mm x 80 mm x 165 mm
Weight	≤ 850 grams
Outer Surfaces coatings	High Durability AR Coating (MIL-C-48497)
Operating Temperature Range	-30°C to +55°C
Storage Temperature Range	-40°C to +71°C
Water-Proof Sealing	IP-67 Nitrogen filled
Environmental Conditions	Mil-Spec-810F
Typical Resolutions (Man-Size Target)	≥ 950m Detection ≥ 500m Recognition



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P.O.Box 600 Industrial Park, Yokneam 20692, Israel

Telephone +972 4 9935527 Fax +972 4 9935894

info@sensio-optics.com www.sensio-optics.com