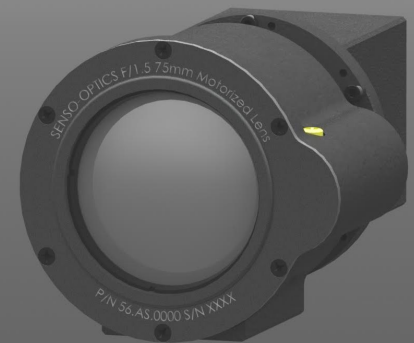


# X-LITE 75-RC

Naval/Military Grade Un-Cooled Thermal Camera for Surveillance, Oil-Spill monitoring, and observation



- X-LITE 75-RC is a compact Naval-Military Grade Un-Cooled Thermal camera.
- X-LITE 75-RC is designed for harsh environment operation, 24/7 adverse weather conditions for surveillance and observation.
- X-LITE 75-RC is based on a State of the art VOx detector array technology in the 8 ÷ 12micron LWIR spectrum.
- X-LITE 75-RC 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, contrast enhancement, Anti-Blooming in high temperatures scenarios, etc.

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# X-LITE 75-RC Technical Specifications

<b>Thermal Camera</b>	
Technology	VOx Micro-bolometer, Un-Cooled
Array Format	640x480
Pixel Pitch	17µm
Spectral Bandwidth	LWIR 8÷12 µm
NEΔT	50mk @ 300K scene , f/1.0, 30Hz(SCD)
Operating Mode	Tec-Less
<b>Thermal Lens</b>	
EFL (Effective Focal Length)	75 mm
F# /	1.5
Field Of View	8.3° X6.2° [17µ, 640X480 detector]
Clear Aperture	Φ 50 mm
Focusing	Motorized
Focus Range	20m to Infinity
<b>General / Environmental</b>	
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°
Water-Proof Sealing	IP-67 Nitrogen filled
Environmental Conditions	Mil-Spec-810F
Typical Resolutions (Man-Size Target)	≥ 1400m Detection ≥ 730m Recognition



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