

SensoDrive

Thermal Vision Driver System

HLS / Search & Rescue



A rugged, night vision driving system, equipped with a thermal imaging uncooled camera. Designed to provide vivid picture under the dark and harsh conditions of military operations and HLS activities.



Benefits

- All weather driving capability
- Undetected passage with passive vision
- Clear picture within a few seconds
- Easy integration onto various platforms

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Driving in complete darkness

In Home Land Security (HLS) operations, the SensoDrive serves as the primary visual tool for the driver, enabling covert entrance into a danger zone, even in total darkness and allows easy passage through fog, smoke and dust. The SensoDrive comprises a military grade IR camera with a wide field of view that helps the driver maintain situational awareness. The system is compliant with mil-std 810-F and is nitrogen-filled and sealed, helping to maintain image clarity under the harshest operational conditions.

Superior image quality

The SensoDrive is equipped with Senso-Optics unique real time image processing algorithms that prevent glare by fire or heat radiant sources. SensoDrive allows the driver to navigate a vehicle between burning barrels at night with the same ease as in normal daytime operations. A rugged display screen provides the driver with superb vision both in day and night operation. The system is extremely effective for border control units, mobile special operations forces, as well as airport security and strategic infrastructure monitoring vehicles .

Specifications

Optics	Sensor	VOx Micro-bolometer 25µm
	Effective Resolution / Number of Pixels	384X288
	Video format	PAL
	Lens	11mm etherealized
	FOV	47° X 36°
	Screen	10.4" Mil-grad TFT LCD monitor
General	Environmental Standards	Mil-Std 810-F IP-67 sealed & Nitrogen filled
	Operation temp.	-30°C to +60°C
	Storage temp.	-35°C to +70°C
	Power	24V (12V optional)



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