



Press Release

Theon Sensors reveals its Multi-Purpose Night Vision Monocular

Koropi, Greece: 15 October 2008. A new Multi-Purpose Night Vision Monocular (MPNVM) was revealed by Theon Sensors SA during DEFENDORY International 2008 in Athens, Greece.

The Monocular is the latest addition to Theon Sensors product portfolio and its development was performed in house by company's own resources.

"Since late 2007, we have undertaken an intensive R&D programme in order to design and manufacture the MPNVM and we are delighted to be able to introduce to the international market a full MIL SPEC (military specification) device," Dr. Thomas Dakos, Theon Sensors Vice President and Head of Technology, said.

"The monocular will nicely blend with our current range of night vision products, which includes weapon sights and driver's viewers, thus giving Theon Sensors the opportunity to fulfill existing market demand for acquisition and use of monocular systems", he added.

The MPNVM is a 1X monocular with 40° field of view. It can be hand-held, mounted to a small arms Picatinny (MIL-STD-1913) mounting rail, or attached to a head or helmet mount. It can be used to assist tactical movement and for weapon firing (mounted behind a red dot sight), short range surveillance, maintenance work, map reading and medical aid.

The MPNVM employs an 18 mm image intensifier having high photoresponse, high resolution (64 lp/mm minimum), high signal-to-noise ratio, auto-gating power supply and variable gain for optimum performance in varying night lighting conditions.



The monocular measures 109 x 61 x 70 mm and weighs less than 350 grams due to the extensive use of high strength engineering plastics and optimized high-performance miniature optics.

The primary power source for the monocular is a single, 3-Volt, CR123 lithium battery. A yellow indicator, at the edge of the field of view, flashes when the CR123 battery's energy level is reduced to 1.1 Volts. In addition, an adaptor is provided to use a commercial AA size battery.

A complete range of accessories, including magnifiers, weapon, head and helmet mounts will be offered with the monocular.

About Theon Sensors S.A.

Theon Sensors is a Greek company specialising in the design, development and manufacture of electro-optic systems for defence and security applications as well as Micro-Electronic Mechanical Systems (MEMS) for industrial and aerospace applications. Theon Sensors has been engaged in a wide range of defence-related programmes in a number of countries. The company's range of products includes night weapon sights, night driver's viewers for armoured vehicles, systems integration and value-added services.

For further information visit our web site www.theon.com

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