



© MSI TDR

Sitep Italia Introduces the MAMS CS-424 Device

In Ankara, on November 26, Berkin Engineering, Turkey representative of Sitep Italia, introduced Sitep Italia's MAMS CS-424 (Multirole Acoustic Motorised System). Giovanni Morelli, Vice President of Business Development at Sitep Italia and Yücel Atalay, General Manager of Berkin Engineering attended the product demonstration meeting, along with company officials, representatives from defence industry companies and private shipyards, and members of the press.

The demonstration was held away from Ankara's residential areas and following the introduction of the MAMS CS-424 device, tests were conducted from approximately 1,000, 2,000 and 3,000 metres. Despite the bad weather conditions, the device successfully demonstrated its abilities. The MAMS CS-424 device, with its acoustic and optical sub-systems, is not harmful to human health and stands out as an integrated solution that can be used in search and rescue, asymmetric warfare, illegal migration prevention, military post and facilities security, to intervene in public incidents, and border security. The subsystems of the device are as follows:

- Infrared camera (640 × 512 pixels) and low light camera (Full-HD 30x zoom feature) for detection and identifying potential threats.
- The sound system, which alerts the potential threat by sending voice messages at an excessively disturbing noise level in a narrow beam from long distance (3,000 m).
- A projector with 12 Mcd of power and an adjustable focus that is capable of lighting up and disturbing targets at 3,500 m.
- The laser dazzler, which disrupts the potential threat causing temporarily blinding and disorientation (wavelength: 532 nm, power: 5000 mW, distribution: 5 mrad)
- The laser range finder, which measures the distance to prevent damage to the targeted



© MSI TDR

person (for example, laser dazzler is not supposed to be used closer than about 1 km and in this case, the system automatically is closing the laser dazzling facility).

- The military grade control console (can be controlled by a laptop computer).

Another feature of the system is that it can be integrated with the other sensors over a network. A motion sensor or radar can enable the system to be automatically redirected to the target.



© MSI TDR

Yücel Atalay, General Manager of Berkin Engineering said that the naval version of the MASS CS-424 is being actively used by the Italian authorities near the Somalian and Libyan coasts. Responding to a question regarding the maintenance of the system, Giovanni Morelli, Vice President of Business Development at Sitep Italia, said that there was no defined periodic maintenance, they have a condition-based maintenance approach. Sitep Italia and Berkin Engineering recommend the MAMS CS-424 device to meet the needs of Turkey's border security. The presentations made at the meeting also featured a visual demonstration to show how the system can be used in Turkey's southern border by integrating to the fixed or mobile platforms.