

Sniper Positioning System

SniPos (Sniper Positioning System) is a self-contained listening device, utilizing passive acoustic sensors for the automatic detection of gunfire.

The system can be used standalone, or installed on ground or air vehicles.

SniPos estimates the calibre of the bullet, and calculates the direction and range to the weapon as well as the bullet direction and miss distance in 2 or 3 dimensions. The results are displayed on a laptop PC and can be transmitted to a weapon system for counteraction.

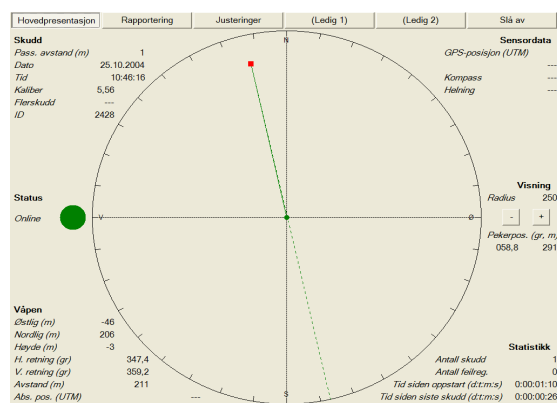
The last 10 000 detected shots are stored within the processing unit for reporting of weapons activity over time.



The **SniPos** processing unit, performing all calculations, and the laptop which may be used for presentation (connected via Ethernet).



The acoustic sensor (4 high quality microphones)



SniPos features an easy to use graphics interface. The detected weapon is shown with a red square, with the bullet trajectory show as a dotted green line.

Specifications:

- Tested with weapons of calibres 5.56, 7.62, 12.7 and 30 mm.
- Detects 5.56 calibre up to 600 m.
- Max detection range is 1000 m.
- Max miss distance is 250 m.
- Angular accuracy (azimuth) to weapon is better than 1 deg (1 sigma)
- Range accuracy is better than 10 % (1 sigma)
- Correct calibre in 85 % of tests.
- 24 VDC power



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