



Advanced solution for armoured and reconnaissance vehicles

PILAR V

Acoustic Gunshot Detector

Metravib Defence PILAR V

is an acoustic sensor that detects and locates enemy's position. Designed to be mounted on any armoured and reconnaissance vehicle to improve crew & vehicle survivability and enhance situational awareness.



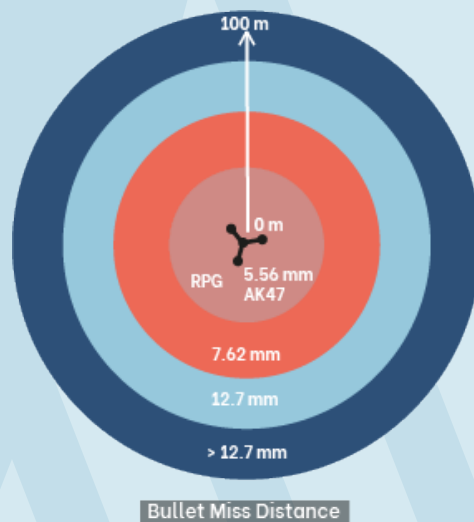
metravib-defence.com



KEY FEATURES

Accurate detection and classification

Type of Calibre		Typical Detection Range
RPG		250 m
5.56 mm & AK47		350 m
7.62 mm		550 m
12.7 mm		1 000 m
14.5 mm		1 350 m
20, 30 & 40 mm		1 650 m
90, 105 & 120 mm		2 400 m



Real-time situational awareness

- 360° coverage
- Filters outgoing fire
- Accuracy : $\pm 2^\circ$ Azimuth, $\pm 3^\circ$ Elevation and $\pm 10\%$ Range (RMS)
- GPS coordinate of the shooter(s)
- Up to ten calibers classification

Easy to use and robust

- No calibration required
- Built-in test
- Training with blank ammunition
- All weather conditions, day and night use (MIL-STD compliant)



STANDALONE VERSION

- Display unit with suitable software
- Updates of relative coordinates of the shot origin while the vehicle is moving
- Records all aggressive shots
- Filters the type of threats



INTEGRATED VERSION

- Simple interface protocole (TCP/IP)
- Interoperability with other sensors and equipments (RCWS, countermeasures smoke launcher, multi-role UAV and UGV, BMS, panoramic targeting sight)
- Data fusion capability with multispectral integrated defensive aids sensors suite
- Filters the type of threats

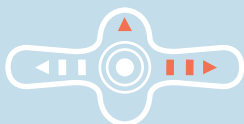
ADDITIONAL METRAVIB DEFENCE PRODUCTS



PEARL

Soldier Version

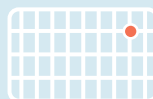
- Azimuth, Elevation



PILAR

Ground Version

- Azimuth, Elevation, Range
- GPS coordinates of the shooters' position displayed on the map
- Real-time picture of the shooter (option)



SVFI

Security Vehicle Version

- Azimuth, Elevation



COMBAT PROVEN

In operation in more than forty-five countries:

Afghanistan, Balkans, Central African Republic, Iraq, Sahel, Asia-Pacific