



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](http://metravib-defence.com)



## KEY FEATURES

### Accurate detection and classification



### 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



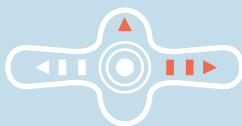
- Display unit with suitable software
- Updates of relative coordinates of the shot origin while the vehicle is moving
- Records all aggressive shots
- Filters the type of threats

### INTEGRATED VERSION

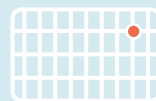


- Simple interface protocole (TCP/IP)
- Interoperability with other sensors and equipments (RCWS, countermeasures smoke launcher, multi-role UAV and UGV, BMS, panoramic targeting sight)
- Data fusion capability with multispectral integrated defensive aids sensors suite

## ADDITIONAL METRAVIB DEFENCE PRODUCTS



**PEARL**  
Soldier Version



**PILAR**  
Ground Version



**SVFI**  
Security Vehicle Version

### COMBAT PROVEN

In operation in more than thirty countries:  
Afghanistan, Balkans, Central African Republic, Iraq, Sahel, Asia-Pacific