



PILAR GROUND VERSION

Acoustic Gunshot Detector
for Sensitive Sites &
Buildings



Advanced solution for perimeter protection

METRAVIB DEFENCE PILAR GROUND VERSION

is an acoustic gunshot detector designed to protect sensitive sites, military bases, check-points, embassies and any other areas or buildings. It can also be used to protect a particular event (visit of VIP, meeting of state leaders, etc.). PILAR GROUND VERSION reports in real-time the GPS coordinates of the threat on the cartography.

metravib-defence.com



HOW DOES ACOUSTIC GUNSHOT DETECTION WORK?



Muzzle Blast | Direction of the shot origin



Shock Wave | Shot Alert



FEATURES

Suitable to various kinds of sites

A scalable multiple-array configuration for:

- Check Point (CP) & Command OutPost (COP)
- Border Control Post
- Sensitive buildings (embassies, etc.)
- Military bases
- Venues for VIP events (political, sport, business, etc.)

Easy to use and fast deployment

- Fully automated operation through auto-guided wizard screens
- Can be installed by a 2-man team
- Does not require the fulltime attention of the user

Real time situational awareness

- Continuous 360° surveillance
- Detects beyond the line of sight

- Absolute position of the shooter (GPS coordinates)
- Operates with single, multiple, burst and simultaneous shots

Accurate for quick

Decision and response

- Fire localization accuracy (RMS):
 - Azimuth: $\pm 2^\circ$
 - Elevation: $\pm 3^\circ$
 - Range: $\pm 10\%$
- Provides aggression evidence for inquiry

Interoperable

- Can be used with observation and response systems. After a shot detection, the turret is immediately cued towards the threat direction.
- Simple and standard interface protocol
- MIL-STD compliant

MAIN REFERENCES

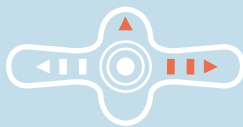
Belgium
Brunei
Czech Republic
Denmark
Egypt
France
Germany
Ghana
Indonesia
Italy
Norway

Poland
Saudi Arabia
Singapore
Slovakia
Spain
Tunisia
Turkey
UK
Ukraine
USA

MAIN BATTLEFIELDS

Afghanistan
Balkans
Central African Republic
Iraq
Mali

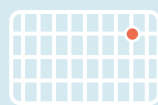
METRAVIB DEFENCE PRODUCTS



PEARL

Soldier Version

- Azimuth, Elevation



PILAR

Ground Version

- Azimuth, Elevation, Range
- GPS Coordinates of the shot origin
- Cartography shot overlay
- Real-time picture of the shooter (option)



PILAR

Vehicle Version

- Azimuth, Elevation, Range
- Calibre Identification
- GPS Coordinates of the shot origin
- On-the-move target tracking