

PILAR GROUND VERSION

Acoustic Gunshot Detector for Sensitive Sites & Buildings



ACOEM Group



Smart solution for perimeter protection

METRAVIB 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 threat GPS coordinates on the cartography.





Metravib PILAR GROUND VERSION

SUITABLE TO VARIOUS KINDS OF SITES

- 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
- Does not require the fulltime attention of the user
- Can be installed by a 2-man team

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: $\pm 5^\circ$
 - Range: $\pm 20\%$
- Provides aggression evidence for inquiry

INTEROPERABLE

- Can be used with **METRAVIB PIVOT** (Observation Turret with a Day/Night camera). After a shot detection, the turret is immediately cued towards the threat direction, providing in real time a picture of the shooter.
- Simple and standard interface protocol
- MIL-STD compliant

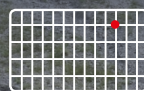
How does acoustic gunshot detection work?



MUZZLE BLAST
Direction
of the shot origin



SHOCK WAVE
Shot Alert



PILAR Vehicle and Helicopter Version

- Azimuth, Elevation, Range
- Caliber Identification
- GPS Coordinates of the shot origin (vehicle only)

PEARL Soldier Version

- Azimuth, Elevation

PILAR Ground Version

- Azimuth, Elevation, Range
- GPS Coordinates of the shot origin
- Cartography shot overlay

METRAVIB PILAR IS IN SERVICE IN 25 COUNTRIES

France, USA, UK, Germany, Turkey, Australia, Italy, South Africa, Tunisia, Norway, Indonesia, Belgium, Poland, Denmark, Singapore, Slovakia, Czech Republic, Brunei, Romania, etc.



COMBAT-PROVEN: 20 years of operational feedback to enhance our products: Balkans, Iraq, Afghanistan, Central African Republic, Mali

