PILAR GROUND VERSION

Acoustic Gunshot Detector

metravibdefence

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.
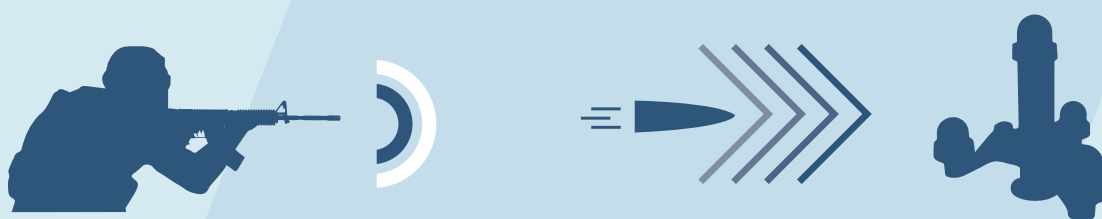
metravib-defence.com

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: ± 2°
    - Elevation: ± 3°
    - Range: ± 10%
- Provides agression 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.
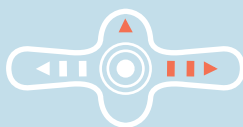- Simple and standard interface protocol
- MIL-STD compliant

MAIN REFERENCES

Belgium	Namibia
Bosnia	Norway
Brunei	Poland
Czech Republic	Saudi Arabia
Denmark	Singapore
Egypt	Slovakia
France	Spain
Germany	Tunisia
Ghana	Turkey
Indonesia	UK
Italy	Ukraine
Japan	USA
Mexico	

MAIN BATTLEFIELDS
Afghanistan
Balkans
Central African Republic
Iraq
Mali

METRAVIB DEFENCE PRODUCTS

PEARL
Soldier Version
- Azimuth, Elevation

SVFI
Security Vehicle Version
- Azimuth, Elevation

PILAR
Vehicle Version
- Azimuth, Elevation, Range
- Calibre Identification
- On-the-move target tracking