

PETREL

Mini Marine Vessel Tracker

Stay Informed. Stay Safe. Stay Ahead

Early warning of illegal activities is mandatory to safeguard maritime zone. PETREL provides real-time monitoring & detection for maritime enforcement necessity. It is an integrated early detection & surveillance system to protect against maritime cross border activities, maritime terrorisms, and exclusive zone monitoring without interrupting valuable maritime economic activities.

Key Features

-  Real-Time Maritime Monitoring & Early Warning
-  Long-Range Tracking Capability : 30 km
-  Secure, Encrypted Data Transmission
-  Multi-Network Connectivity for Remote Environments



Technical Specifications

PETREL Gateway		PETREL Terminal	
Physical		Physical	
Dimension	300 mm x 200 mm x 100 mm	Rating	IP 65
Rating	IP 65	Operation	
Operation Frequency	ISM Band	Method	Device Always ON
Range Installation	Up to 30 km (Fixed Position)	Operating	ISM Band
Power Supply	240 VAC	Installation	Mobile / Base Station
Warning	Yes	Coverage Range	30 km
Data	Alarm System, GPS, Heading, Object Speed	Charger Type	USB C
Features		Data	Location and SOS status
Connection	3G/4G, Satellite (BGAN,Xband, etc), Ethernet, Wifi	Features	
Encryption	AES-256	Cloud Service	Available
GIS Support	Yes		
Analysis	Detect, Tracking, SOS Emergency, Early Warning and Geofencing		