

TEDUNG

PASSIVE EMITTER TRACKER

Lurking in The Dark

The Portable Electronic Intelligence (ELINT) system, known as TEDUNG is an indigenous product designed for Electronic Warfare (EW) operations. With a passive radar operating in the 0.95 GHz to 18 GHz range, TEDUNG detects both land-based and airborne radar, providing capabilities for search, identification, tracking, and analysis of electromagnetic emissions. The system, utilizing a master/slave configuration, serves as an operational and analysis center, allowing remote access to the Electronics Warfare Command Centre (EWCC) with advanced processing and diverse information display capabilities. TEDUNG, deployed in various terrains, ensures secure communication, jammer resistance, and self-reliance for the Defence industry.



Key Features



- Be wary of potential threats arising from suspicious aerial presence
- Early preparation in any possibilities.



- Gather radar signatures.
- Integrate seamlessly with any command control system



- Utilize search-free techniques by receiving signals from all radar directions
- Cover a 500km (Line of Sight) radius.
- Employ passive detection methods.



- Display real-time geo-location of targets.
- Identify airborne, landed, and maritime targets based on their radar emissions, whether in motion or stationary.



Technical Specifications

Parameter	Specification
Frequency Range	0.95 - 18 GHz
Bandwidth for Analysis	500, 100, 50, 20, 10, 5, 2, 1 MHz
Space Scanning	In azimuth = 360° In elevation = 15°
Detection Range	500 km (LOS)
Position Finding Method	Time Differential of Arrival (TDOA)
Mean Position Error	2% of the range
Number of Simultaneously Tracked Track	Up to 200
Remote Interface	Ethernet
Deployment Time	45 mins





C9-C11,
Jalan TKS 2, Taman Kajang Sentral
43000 Kajang, Selangor

+603-8741 2707
www.mindmatics.com.my