



Overview

MMD Mobile Microwave Intrusion Detection System

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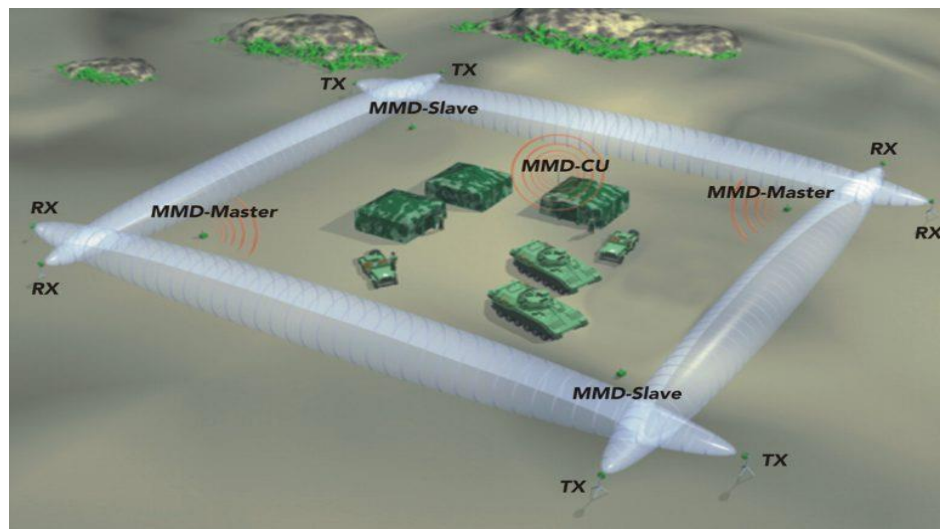


MMD Mobile Microwave Detection System - Overview

The MMD System is a microwave barrier rapid deployment system, used to protect temporary areas against intrusion. The system is completely modular and transportable, using rugged aluminium reinforced carriage boxes.

The standard configuration comprises the following components:

- **4 x MMD 482 X** -Microwave Digital Barrier Tx and Rx complete with 2 tripods and 2 armoured cables (5 meters each), in an aluminium reinforced carriage box. 200m range
- **2 x MMD Master** -Field Power Supply box and radio communication for 2 MW Receivers with mains cable, 12V-25Ah battery, and radio antenna, all in an aluminium reinforced carriage box.
- **2 x MMD Slave** - Field Power Supply box for 2 MW transmitters with mains cable, 12V-25Ah battery, in an aluminium reinforced carriage box.
- **1 x MMD-CUT** ó Control Unit for up to 32 barriers with radio communication, individual barrier alarm management unit, LCD display, metallic keyboard, radio antenna, mains cable, and 12V-25Ah battery, in an aluminium reinforced carriage box.





The detection technology is based on the high performance ERMO482X digital microwave barrier and each link can protect up to 200m line of sight.

The transmitter and receiver heads are mounted on specially designed rugged tripods that can provide a stable platform on almost any type of terrain.

Rugged battery power supplies ensure long term operation without re-charge and a built in radio link in the receiver box sends alarm and status information to a remote monitoring unit, which can monitor **up to 32** individual barriers.

The equipment is supplied with a complete set of robust aluminium transport cases that allow rapid and safe transportation and re-deployment.

Technical Specifications

Detector Frequency	10.5 Ghz
Detector Power	500mW e.i.r.p.
Detector Range	200 m
Radio Alarm Frequency	434.650 Mhz
Radio Alarm Range	Approx 500 m
Weights (with cases)	
ERMO482X	38.8 Kg
Receiver battery Box	23.5 Kg
Transmitter battery Box	23.2 Kg
Remote Control Unit	24.8 Kg
Dimensions (with cases)	
ERMO482X	800x400x860
Receiver battery Box	400x300x395
Transmitter battery Box	400x300x395
Remote Control Unit	400x300x395
Operating Temperature	-25°C to +65°C

