



Features

- Low cost
- Small and Flat Profile
- Rugged, Reliable Construction
- Low Power Consumption
- High Sensitivity
- Meets FCC Part 15 reqts.

Description

The MDU (Motion Detector Unit) is an X-Band microwave transceiver that utilizes the Doppler shift phenomenon to "sense" motion. The unit consists of a circuit board with a lightweight plastic housing.

The circuit features a dielectric resonator stabilized FET oscillator, which provides stable operation over a broad temperature range in either CW or low duty cycle pulse mode and a balanced mixer for enhanced sensitivity and reliability.

Applications

- Intrusion Alarms (Room, Vehicle)
- Automatic Door Openers
- Speed Measurement
- Collision Avoidance
- Traffic Control
- Presence Sensing

This document only gives a general description of the product and shall not form part of any contract.
Microwave Solutions pursue a policy of continuous product improvement and reserve the right from time to time to amend the specifications of products.

