

Operational Description

This device (EUT) is a 360° Ceiling Mount Passive Infrared Detector with built-in MDU1750 RF module (Brand: IR-TEC, Model: DP363).

The EUT is operates in 10525MHz band.

The Microwave Solutions MDU (Motion Detector Unit) is an X-Band microwave transceiver that utilizes the Doppler shift phenomenon to “sense” motion.

The unit, contained in a lightweight plastic housing, 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.

The other instruction, please have a look at the user’s manual.