

Operation Description

The TOWER 10 AM PIR is a professional vandal resistance Anti-Masking detector designed for large commercial and industrial applications providing wide coverage with superior resistance to harsh environment, employing several revolutionary patented technologies.

The EUT contains the following features:

- Microprocessor controlled, digital TMR signal processing with dual-slope digital temperature compensation.
- Built in auto diagnostic for both PIR and microwave detectors.
- Adaptive active Infra-Red Anti-Masking technology providing the most advanced reliable protection against intentional masking attempts.
- PIR sensor - dual element low noise pyroelectric sensor.
- MW: X-Band Doppler module (10.525 GHz).

The EUT was set with the following internal conditions (Dip switches):

- RANG = 25
- TST.POL = 0V
- LED = ON
- AM SENS = NORM,
- ALMOUT = ALM
- CONT= 1
- EOL TAMPER= 0
- EOL TRUBLE = 0,
- EOL ALARM = 0.