

Operation Description

The TOWER 40 is a microprocessor-controlled wireless digital PIR detector, designed for easy installation, free of vertical adjustment. It features parabolic and cylindrical mirrors with uniform detection sensitivity throughout its operating range, up to 18 meters (59 ft), with creep zone protection.

The advanced **True Motion Recognition™** algorithm (patented) allows the TOWER 40 to distinguish between true motion of an intruder and any other disturbances which may cause false alarms.

An on-board motion event jumper determines whether 1 or 2 consecutive motion events trigger an alarm.

Frequency (MHz): 315 (U.S. version), 433.92, 868.95, 869.2625 or other frequency according to local requirements.

Transmission Sequence: 3 data bursts at variable / random intervals within 3 seconds.

Encoding: Over 16 million possible combinations.

Total Message Length: 36 bits.

Supervision Message: Signaling at 60-minute intervals (U.S. version) or 15 minute intervals (UK version), or according to the local standards.

The unit rearms the detector 2 minutes after the last motion detection. The detector reverts to the initial state if there is no movement during 2 minutes. The timer is disabled in the walk test mode.