



MP-840

ZigBee Long Range Wireless Pet Immune PIR Motion Detector

Features that Make a Difference:

- Detection Range: 12 x 12 m (39 x 39 ft) / 90°
- Up to 38 kg / 85 lb pet immunity
- Zigbee HA 1.2 and OTA support
- True Motion Recognition™ patented algorithm for enhanced false alarm prevention
- Temperature sensing
- New sleek and stylish design
- Front and back tamper protection
- Easy installation and maintenance
 - Easy to install and remove
 - Battery life of 5 years with typical use
 - Simple user battery replacement process

The majority of home and business owners, according to polling, see smart home capabilities as an extension of their safety. That's why millions choose to use our advanced ZigBee intrusion detection devices as part of their smart home and business solution.

Tyco is pleased to introduce the MP-840, a long range wireless pet immune PIR motion detector. This fully supervised dual element, low noise pyroelectric PIR motion detector is capable of distinguishing movement between humans and pets using Target Specific Imaging™ (TSI) technology. The advanced True Motion Recognition™ patented algorithm allows it to differentiate between the real motion of an intruder and other disturbances for improved false alarm immunity.

Easy to install, the MP-840 is also designed to harvest environmental data that can be sent to smart home systems with supporting capabilities. When installed, the MP-840 is nearly unnoticeable and blends in nicely with any room décor due to its elegantly designed sturdy casing. Operating on very low power consumption, the MP-840 offers a battery life expectancy of 5 years with typical use and an intuitive battery replacement process that is quick and easy, without the need for tools.

This detector comprehensively answers the need of light commercial and residential applications for outstanding long range detection and exceptional false alarm immunity, ideal for any pet-friendly environment.

Specifications

Supported Network	ZigBee H.A 1.2, OTA firmware upgrade support
Frequency	2.4 GHz as per IEEE 802.15.4
Detection Range.	12 x 12 m (39 x 39 ft) / 90°
Tamper Alert.	Front and back tamper protection; reported when a tamper event occurs
Battery Type3V Lithium CR-123A; Panasonic and GP only
Nominal Battery Capacity.	1450 mAh
Battery Life	5 years (for typical use); offers user friendly replacement process without the use of tools
Operating Temperature.	-10°C to 50°C / 14°F to 122°F
Operating Environment.	Indoor
Dimensions (H x W x D)	83 x 61 x 42 mm / 3.27 x 2.4 x 1.66 in
Weight (including battery)	90 g / 3.17 oz

Certifications

