

# MP-841

## ZigBee Extra Long Range Wireless Digital Pet Immune PIR Motion Detector



### Features that Make a Difference:

- Exceptional transmission range (Antenna Diversity)
- Detection Range:  
15 x 15 m (49 x 49 ft) / 90°
- Up to 38 kg (85 lb) pet immunity
- Battery life of 8 years with typical use
- New sleek design with simple user changeable battery
- Mirror optic technology for white light immunity
- Enhanced false alarm rejection
- Zigbee HA 1.2 and OTA support
- Temperature sensing
- Front tamper protection
- Certified by UL/FCC/NTS/7-layer and Icontrol OpenHome

These days' customers require a motion detector with enhanced range, higher communication reliability and longer battery life. All this while maintaining a modern and esthetically appealing look.

Tyco is happy to introduce the new highly reliable and superior MP-841. This wireless digital pet immune PIR detector provides the detection of movement within a targeted area and is supported by ZigBee Home Automation 1.2. The MP-841 is also designed to harvest environmental data that can be sent to smart home systems with supporting capabilities.

### Improve False Alarm Immunity

It has an exceptional detection capability and false alarm immunity due to its patented black mirror-optic technology, enabling motion to be detected quickly from up to 15 m / 49 ft giving customers greater peace of mind. Plus, it offers true pet immunity of up to 38 kg / 85 lb to reduce unwanted false alarms.

### Exceptional Transmission Range

Utilizing the latest ZigBee chipset and algorithms, communication is highly improved over previous designs and transmission range is dramatically enhanced with the addition of a diversity antenna.

### Simplify Installation and Maintenance

The detector is easy to install and has prolonged battery life of up to 8 years due to its power saving mode capabilities. Featuring a user-friendly 2-battery compartment design, the MP-841 requires very little maintenance with its quick and easy battery replacement process.

The MP-841 is designed to be placed at the meeting point between two walls and close to the ceiling, making it less noticeable to passersby. When installed, the MP-841 blends in seamlessly with any room décor.

### Ultimate Indoor Motion Detection

This detector comprehensively answers the need of light commercial and residential applications for outstanding detection and exceptional false alarm immunity.



From Tyco Security Products

## Specifications

Supported Network . . . . . ZigBee H.A 1.2, OTA firmware upgrade support  
Frequency . . . . . 2.4 GHz as per IEEE 802.15.4  
Detection Range. . . . . 15 x 15 m (49 x 49 ft) / 90°  
Tamper Alert. . . . . Front tamper protection; reported when a tamper event occurs  
Battery Type . . . . . Two 3V Lithium CR-123A; Panasonic and GP only  
Nominal Battery Capacity . . . . . 1400 mAh

Battery Life . . . . . 8 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) . . . . . 119 x 79 x 33.5 mm / 4.68 x 3.11 x 1.31 in  
Weight (including battery) . . . . . 119 g / 4.2 oz

## Certifications

