


PIR Motion Sensor Product Instructions

User Manual

Let's you know if someone has entered a room.

Link with other products to create scenarios such as:

- Person enters room, turn lights on
- No motion detected for a period, turn lights off
- Detects body heat using PIR technology.
- Notification via radio communications.
- Compatible with  MiHome network.
- Sends join, motion detected, no motion, low battery and supervisory messages.
- LED mode and status indicator lamp.
- Ceiling or wall mount.

Package contents

- PIR sensor unit
- Mounting accessories

Technical Data

Detection	Body heat via Passive Infrared sensor (PIR)	Tx current	Tx current < 40 mA
Sensor range	2.5m at a mounting height of 2.3m	Sleep current	< 90 ua
Power supply	1.5V(AA alkaline battery)	Operating temperature	-10°Cto +35°C
Radio	434.3 MHz ISM band	Storage temperature	-30°Cto +70°C
Transmission range	30m+ (open space)	Battery life	1 year - assuming 50 actions per day
Deviation	19.2KHz	Low battery	Voltage below 1.1V
Modulation	FSK, Manchester encoded	Mounting height	Suggested 2.3m, cw screws and mounting accessories
Protocol	Openthings (One way)	Initialisation	30 seconds warm up period after battery insertion
Output messages	join, motion detected, no motion, low battery	LED	Status and mode indication
Supervisory message interval	60 minutes	Tx current	Tx current < 40 mA
Protocol Code	MIHO032	Barcode	5060166036430