

## FS122P WIRELESS DIGITAL MOTION DETECTOR (BYPASS PET TYPE)



The PIR motion Detector picks up persons body movement within an assigned area and activates the alarm when an intruder enters or crosses its' designated detection area.

New technology is for Digital PIR Motion Detector that has digital filter and A/D Converter CPU chip output digital data. The CPU software can detector the digital data on body weight, moving speed and moving distance within a duration to confirm that is real person moving triggered alarm. So it can by-pass all not people moving alarm signal. No false alarm of FS122 digital PIR Motion Detector.

### FS122P FEATURES

- New technology is for Digital PIR Motion Detector that has digital filter and A/D Converter chip output digital data to CPU chip.
- With smart software to analyze the triggered signal lever, speed and timing for people moving, So that digital PIR will not accept other noise signal to trig false alarm.
- With 3 kind of model FS122 normal type, FS122P PET type and FS122L long range.
- With blue LED light disable jumper and repeat time jumper on 70 or 180 seconds. (option)
- Wide angle lens for up to 100 degrees, in 3 layers, covers a distance up to 12m.
- Trimmer potentiometer for PIR sensitivity adjusts the detector range from 6M to12M.
- Dual element PIR sensor and radio filter to detector signal without radio and white light noise interference.
- Double pulse count detector function by jumper to control CPU working.
- Built-in tamper switch and zone switch to set-up sensor zone.
- CPU to control hopping code versions eliminating need for DIP switch for ID code.
- Low standby current on sleep mode to save power.
- LED indicates test function and low battery condition.
- Built-in Tamper Switch, Swivel mounting bracket.
- Built-in metal shield case for bypass high power radio noise interference.

### FS122P SPECIFICATIONS

- Power Source: DC 3 V CR123A Lithium battery.
- Stand-By Current: 25 uA (Max.), Working Current: 8 mA (Max.)
- Working Frequency: 433.92 or 869.25 MHz.
- Broadcast Range: 250 M in a free space.
- Working Temperature Range: -10 deg C to 40 deg C.
- Battery Life: 3 years.
- Dimensions: 120L x 70W x 45H mm, Weight: 125 g.