The smallest and most accurate passive infrared motion sensor FLY

Detection

- Very high accurracy of the detection zone
- Homogeneous lobe independent of the external temperature conditions ; detection guaranteed even when the background temperature is close to that of the human body
- Insensitive to air currents and any sudden temperature variation • Detection zone can be adjusted accurately by means of a masking
- lens • Insensitive to external interference such as rain, snow, etc...
- Very fast response time
- Low thermal remanence of the Pyro element sensor after detection (no memory effect)

Technology

- Electronics controlled by a microprocessor that, through a digital treatment, provides an optimal sensitivity an efficient thermal compensation as well as a high immunity against interference
- Precision optics perfectly delimiting the detection zone and increasing the sensitivity of the sensor
- P.I.R. sensor with four independent zones which gives an identical sensitivity in all directions
- Enhanced immunity against vibrations. Thanks to the use of a pyroelectric sensor from the last generation, the FLY is also immune to GSM interference
- Injected lens which offers better mechanical resistance to vandalism

Adjustments for universal use

Adjustment of the size of the detection zone is carried out by cutting out segments of the masking lens. Electronic adjustments are performed by means of DIP switches

Style

- The miniaturized size of the FLY offers a minimal visual impact and allows easy mounting in cramped places. Its robustness gives it vandal-proof ptotection
- The FLY becomes even more unobtrusive when mounting in the ceiling in its FLYUP version using its FCA accessory
- Integrated in its FSA accessory for which the key words are aestheticism and impermeability, and surface mounted, the FLYCATCHER created in this way will appeal to the most demanding architects

with precision optics and digital signal processing

Passive infrared motion sensor allowing the opening of small pedestrian doors with easy adjustment of the detection zone. Its small size makes it possible to conceal it completely inside a door profile. The FLY can also be integrated into a cover allowing surface mounting.







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Unit A, 12/F, Hung Mou Industrial Building, 62 Hung To Road, Kwun Tong, Kowloon, Hong Kong (T) +852 2375 6110 (F) +852 2406 2602 (E) enquiry@aub.com.hk www.aub.com.hk