

# PIR LIGHT SWITCHES

## A-ES6



The A-ES6 is an innovative 360° ceiling mount indoor motion SenSwitch designed for automatic lighting control and energy management of industrial, commercial and residential applications. Lights will be switched on automatically when A-ES6 detects the human body motion. Light will be switched off automatically if no motion is further detected before the delay time expire.

By utilizing a specially designed omni-directional infrared sensor and fresnel lens, this SenSwitch is able to switch on the light when people enters its extensive detection coverage from any direction.

A built-in photocell sensor with different threshold can be set to enable the control function based on the ambient light level. Different light-on delay times can be selected by easy jumper head placement.

### SPECIFICATIONS

Power Requirement	: 110/230 VAC, 50/60 Hz
Max. Load	: 16A @ 250 VAC Resistive
Mounting height	: 2.4~3.6 m (8 ~ 12 ft)
Detection Angle	: 360° around
Detection speed	: 0.1~3.0 m/sec.
Detection range	: 12 meter (40 ft) at 25°C
Delay time	: 5"/30"/1'3'/5'/20' jumper selection
Infrared sensor	: Omni-directional, dual element
Light sensor	: CdS photocell

Op. Humidity : Max 100% RH  
Op. Temperature : -20° - + 50°C (-4° - + 122°F)  
Dimensions : 100 x 100 x 46 mm

#### **APPLICATION AREA**

Car Park , Corridor, Dining Area, Individual Cabins, Large Cabins, Lift Lobby, Lifts, Living Room, Lobbies, Meeting Rooms, Pantry, Reception Areas, Rest Room, Small Offices, Stairways, Stores, Veranda.