

*Using breakthrough technology,
we aim for products that will create new markets.*

New Product News

Smallest in the field

Compact size and wide-angle sensor detecting slight motion of human body



Infrared Sensor

Human Body Detection Sensor

Industry/Field: AV, Home Appliances,
Saving Energy SW for the Lighting System

• Development goals:

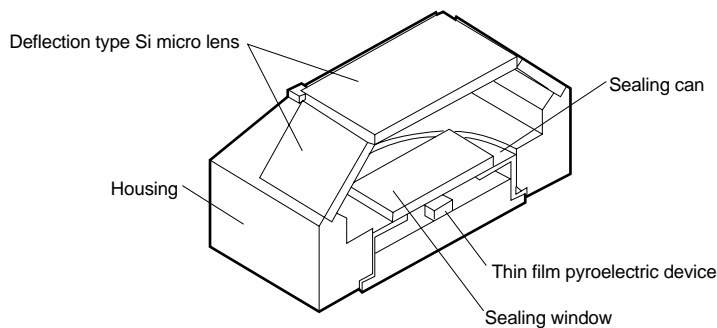
Contribute to save energy for electric equipment like lighting apparatus, TV, air conditioner or ventilation fan

• Features:

- ① Allow customers to design equipments flexibly because of compact and low profile sensor
- ② Wide-angle detection
- ③ Detect slight motion of human body

• Number of industrial property rights: 50

• Construction:



• Characteristics/specifications:

Item	Type	Ceiling type-1	Ceiling type-2	Wall type
No. of lens		1	5	3
Appearance				
View area at 2m		3.5x3.5m	5.6x5.6m	7.2x1.9m
Size		12.5x12.5x7.8	14x14x8.5	12.5x12.5x8
Application		Narrow space (about 10m ²)	Wide space (about 30m ²)	Horizontal direction only
Detecting distance		2m	2m	2m
Detecting angle		82°x82°	121°x121°	128°x70°
Object	Size	100x100mm	100x100mm	100x100mm
	Sensing Temp. difference	2°C Min.		
	Moving speed	0.3 to 1.0m/s		

• Applications/usage examples:

- Lighting apparatus
- Air conditioner
- TV

• Explanation of part numbers:

1	2	3	4	5	6	7	8	9
E	U	A						
Category						Design No.		