Product profile

Argus Occupancy Sensor >

Names

Schneider Electric Name
Single-Load 360° Dual-technology Occupancy Sensor
Product Code: SAE_UE_MS_CU_WE Range Name: Argus

About this Product

SAE_UE_MS_CU_WE integrates advanced PIR and ultrasonic (US) technologies in one unit. It is suitable for indoor application which is ideal for using in home, open-plan office, multistall public restroom, conference room, underground parking lots, classroom, library, etc. With its knobs and IR remote controller, the time, ultrasonic sensitivity, Lux, ACC (Air Current Compensation) function and PIR/US triggering method can be adjusted as user desired to match different application requirements and energy saving for switching light on and off.

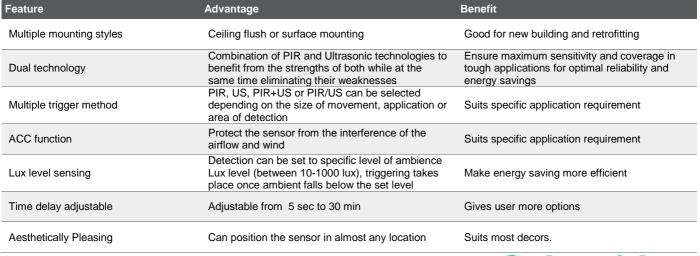
Technical Characteristics

>	Sensing Technology: Dual Technology		Suitable for the following light load:	
>	Angle of Detection: 360 °	>	Incandescent lamp: Max. 2000W	
>	Type of Installation: Ceiling(Surface/Flush)	>	AC halogen lamp: Max. 1000W	
>	Rated Voltage: 230VAC+/-10%, 50/60Hz	>	LV halogen lamp: Max. 1000VA	
>	Detection Range:8M (diameter) at 2.5M	>	Fluorescent lamp: Max. 900VA/100µF	
	height		Energy saving lamp: Max. 80VA	
>	Weather Protection: IP20	>	Color: White	

Key Users

> Electrician/Contractors	> Architects/Designers				
> End Users					
Typical Applications					
> Large commercial spaces	> Senior officers cabins				
> conference rooms, lobbies	Libraries, Parking areas,				
> Datacenters	> Open warehouses				
> Residential Stairwell					

Key Features - Benefits - Advantages





SAE_UE_MS_CU_WE Single-Load 360° Dual Technology

Occupancy Sensor

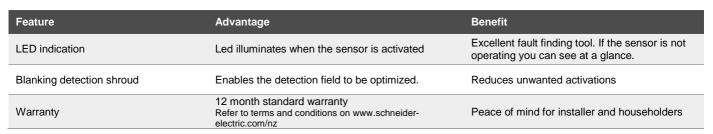


SAE_UE_MS_IR10T IR Remote Controller for Dual-Tech Sensor Sold Separately



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FAQ

Questions	Answer
What is the detection range?	PIR: 360°circular, adjustable up to Φ8m US: 360°, adjustable up to 10m x 16m, it's an oval shape, at the height of 2.5 m
How does the sensitivity adjustment work?	Sensitivity can be adjust for different requirement by adjust the knob setting or use remote control to set Lux value (10Lux to 1000Lux), time (5sec to 30min), US sensitivity (Min. approx. an oval shape of 2x4m; Max. approx. an oval shape of 10x16m), ACC function, and PIR/US trigger method selection
Can I stop triggering my sensor when I walk past my room in the hallway?	Yes. We provide a blank shroud that can be cut to suit most installations.
What IP rating does the sensor have?	IP20 rating, suitable for indoor installation only
Can I put the sensor anywhere?	No. You should take care to avoid aiming the sensor toward any heat sources, such as air conditioning, electric fans, heaters or any highly reflective surfaces. Make sure there are no swaying objects within the detection coverage.
Why does the lighting device sometimes not turn on?	If there is no malfunctioned loads connected, could be the ambient light level is too high. Set Lux value above the ambient light level then trigger the detector and check the load is switching.
Can I wire the sensors in parallel?	Yes. To a maximum of 4 units.

To Specify / Order you need to ask the following...

>	Where will it be used: Indoor/Outdoor? Open area / Area with obstructions?		
>	Mounting styles: Ceiling/Wall mounting? Surface/Flush mounting?		
>	Single/Dual load?		
Potential Add On			

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- SAE_UE_MS_CU_WE can be programmed by IR remote Surge Protection > >
- Controller (It is for optional purchase).

> Control Switch ie. Saturn, Modena, Strato, Slimline

Terminology

PIR – Passive Infrared Technology	Detecting the difference between heat emitted from the human body in motion and the background space
US – Ultrasonic Technology	Works by transmitting ultrasonic sound waves throughout an area and measuring the speed at which they return
Dual Technology	Passive Infrared technology + Ultrasonic Technology. Combination of PIR and Ultrasonic technologies to benefit from the strengths of both while at the same time eliminating their weaknesses
Lux	The unit of illuminance and luminous emittance measuring luminous power per area.
HVAC	Heating, ventilation, and Air Conditioning, refers to technology of indoor or automotive environmental comfort
ACC	Air Current Compensation

