

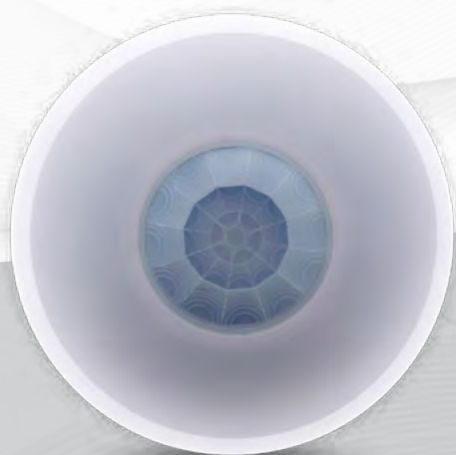


TIS ENERGY SERVANT

Wireless Ceiling Sensor with 10 Functions

Data Sheet Rev 3.2

Model: AIR-ES-IR



OVERVIEW

This product is an AIR-operated ceiling sensor designed to detect movement and adjust other components based on room occupancy for utmost automation and efficiency.

KEY BENEFITS

- ✚ Integratable with other TIS solutions
- ✚ Capable of controlling media & AC devices
- ✚ Minimizes energy wastage
- ✚ Ideal home security device

KEY FEATURES

- ★ Multi-functional device with many logic lines
- ★ Programmable for scenes & presets
- ★ Controllable via TIS App
- ★ Practical for home & office rooms

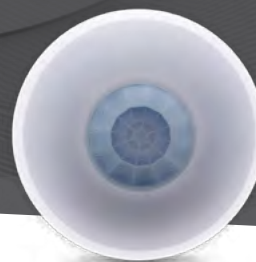


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Wireless Ceiling Sensor with 10 Functions

Model: AIR-ES-IR

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PRODUCT SPECIFICATIONS

	Input	PIR motion sensor	Dual element pyro-electric ceramic
		IR receiver	TIS Infrared code receiver
	Detection	Temp sensor	Resistance temp sensor
		Light intensity meter	Detection range 0-2000 Lux
	Power supply	PIR range	4-6 meters (installation height 2.6 - 3 meters)
		PIR detection angle	110° from the ceiling down
	Output	Input voltage	80-240 VAC 50/60 Hz
		Output power	3W / 12V
	Output switching current	Protection	Built-in protection fuse
		Current consumption	10-30 mA / 12 V DC
	Output service life	Infrared transmitters	4 probes to cover 260 degree
		Number of channels	1
	TIS AIR	Nominal voltage	0 – 230 V AC 50/60 Hz
		Nominal current per channel	8 A / 230 VAC
	Reaction time	Max Switching current	10A/230 VAC resistive
		Max Continues current	6A/230 VAC florescent
	Mounting	Max Switching voltage	8A/230 VAC
			277VAC / 30VDC
	Operation	Mechanical endurance	> 10,000,000 OPS
	Functions	WIFI signal	2.4 GHz
		Protocol standard	802.11 b/g/n
	Weight		
	Dimensions		
	Mounting	Celling mount	by 2 screws on the base of the sensor
	Operation	Programming button	For assignment of the physical address
		Indicator LED	Blue & red LED
	Functions	Upgrading	Over WIFI connection
	Weight	Logic/ Timers	32 Timers & logic conditions
		IR code memory / Flags	200 IR code memory and flags
	Dimensions	Security function	Away, Night, Day, Fire alarm modes
		IR receiver	12 buttons function
	Weight	Without packaging	70g
	Dimensions	Length x Width x Height	39mm x 92mm x 92mm



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Wanchai, Hong Kong

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PRODUCT SPECIFICATIONS



Housing

Materials	Fireproof ABS & PC
Casing color	White
Base color	Black
IR window cover	Transparent white
IP rating	IP 20



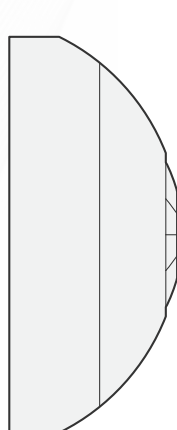
Temperature range

Operation	-10...60°C
Storage	-20...50°C
Transport	-25...75°C

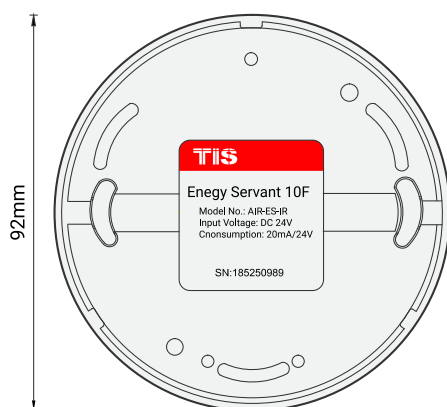


Air humidity

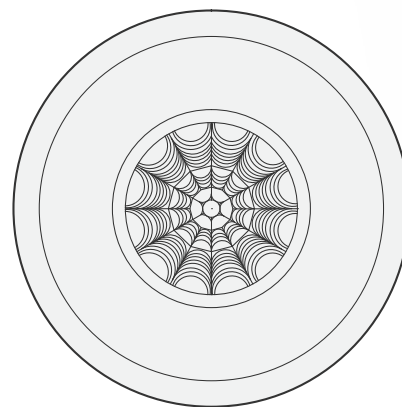
<85% non-condensing



39mm



92mm



92mm



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