Make It Easy

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Joymeter

JOYH100

Heat Cost Allocator

Joy Electronic Technology Co., Ltd

JOYH100 Heat Cost Allocator

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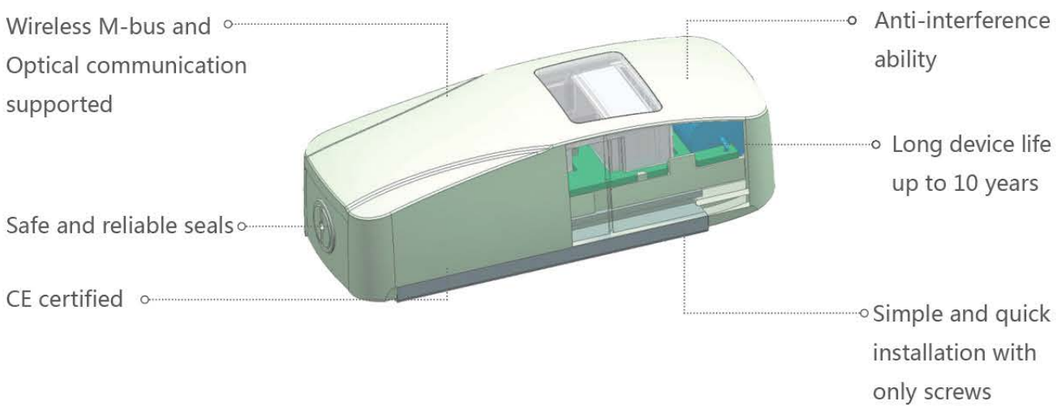
DESCRIPTION

JOYH100 Heat Cost Allocator is attached to individual radiators in buildings for measuring the total heat output. Two electronic temperature sensors and a microcontroller are used to calculate the heat consumption of radiator by measuring the temperature of radiator and room air.
It saves different data and values automatically and display specified items on LCD, such as the cumulative value of a year, the current value, or events if it happens.

FEATURES

- ► Compact display
- ► Low battery warning, open cover warning and self-checking etc.
- ► Low consumption: less than 1.0uA at sleep mode
- ► Long history data stored
- ► Configurable parameters via optical port
- ► Suitable for residences and commercial buildings



Applicable radiators

- Ribbed radiator
- Tubular radiator
- Panel-type radiators with horizontal and vertical water flow

TECHNICAL SPECIFICATIONS

Item		Parameter
Measurement mode		2 temperature sensors
Power supply		3.0V lithium battery , 1200mAh
Lifespan		Over 10years
Display		LCD
Indication range		5 digits data display (0-99999)
Measuring range		0-85℃
tm-max tm-min(*) (*) average design temperature		85℃ 35℃ (2-sensor system)
Start temperature		5℃ (configurable)
Storage temperature		-40℃ ~ +70 ℃
IP Protection		IP42(EN60529)
CE Certification		Directive 2004/108/EC (Electromagnetic Compatibility)
Mounting dimension		100 x 40 x 32mm
HCA Standard		BS EN 834
Communication		IrDA, wMBus
wMBus transmission	Standard	EN13757
	Distance	> 500m
	transmission Period	20s/60s/5 minutes/30 minutes/1 hour /1 day/1 month (Configurable)
	Frequency	868MHz/470MHz