



Features & Benefits

- Motion Detection
- Organic Solar Panel charged by room light
- Integrates with BMS and other devices for optimum room control

Technical Overview

Our RF-LW-THPIR-SP Wireless Thermostat is a stand-alone thermostat powered entirely by solar energy using an organic solar panel. The device features a 2.9" e-ink screen, sensor for movement (PIR), temperature and humidity sensor, LUX sensor and 3 buttons. The user can change the target temperature and see current indoor conditions. The device sends an uplink after any event as well as periodically.

Technical Specification

Radio output type	LoRaWAN 1.0.3
Frequency Range	EU863–870; Other LoRaWAN regional settings available upon request
Security	End-to-End encryption (AES-CTR)
Batteries	Solar-powered Lithium-ion capacitor (LIC) AND/OR 4xAA 1.5VDC batteries And/or 5VDC USB-C
Battery Life	Indefinite powered by solar, 10+ years powered by AA batteries
Battery life in complete darkness	21 days
Operating Humidity	0-80% RH (non-condensing)
Operating Temperature	0°- +50°C
Housing colour	White
Housing Dimensions	105 X 115 X 23mm
Country of origin	Bulgaria

Related Product Codes

RF-LW-THPIR-SP