



This 433MHz rack temperature RFID tag is sealed in an impact and splash resistant polycarbonate enclosure with a strong adhesive on the back of the case.

This battery-powered rack temperature RFID tag monitors temperature sensitive assets in IT racks with an accuracy of 1.2°C to enable easy mapping of data center temperature profiles for air flow optimization. The temperature conditions are reported periodically. The tag is sealed in an impact and splash resistant polycarbonate enclosure with a strong adhesive on the back of the case. Its small form factor allows it to be placed on or in IT racks or suspended in air. This RFID tag features a low-battery alert function and operates with a very low duty cycle and a 10s beacon rate. Battery assistance ensures clear signal transmission in high-density deployments.



Key Features

- ✓ Accurate temperature monitoring within 1.2°C
- ✓ Encoded radio transmissions at 433MHz
- ✓ Specially designed for use with rack installed assets
- ✓ Industrial-strength adhesive
- mounting and flexible mounting options
- ✓ Enhances customers' existing active RFID infrastructure
- ✓ Ideal for high-density environments
- ✓ Low-battery alert
- ✓ Portable



Specifications

Operating frequency	433.92MHz
Group code & Tag ID codes	>1 trillion unique IDs
Typical transmission range	>30ft
Related emission	71.8dBuV/m (maximum)
Modulation	ASK
Stability	Saw stabilized
Battery type	Lithium CR2032 coin cell
Battery life	>3 years
Construction	Lexan polycarbonate
Durability	Tough, impact resistant and temperature stable
Sealing	Splash resistant
Mounting options	3M 200MP adhesive, zip-tie loop lanyard
Operating temperature	-20°C to 70°C
Storage temperature	-40°C to 80°C
Temperature sensor accuracy	±1.2°C (typical)
Dimensions	56.4mm × 44.2mm × 8.9mm
Weight	34.16g





GAO RFID Inc.

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Product Overview

433MHz Rack Temperature RFID Tag (124054)



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