



This low power consuming RFID tag comes with several options including operating frequency, a bracket , LED, buzzer and user memory.

This 433MHz active RFID tag which is an ideal tool for access control and tracking of assets and personnel operates at dual-frequencies to receive and transmit tag data allowing for fast and reliable communications. The UHF RFID tag automatically wakes up on receiving a command from an RFID reader and then transmits its ID and other information. Using a unique anti-collision algorithm, the tag ensures all tag data will be received even when many tags are transmitting simultaneously. With an optional bracket, the RFID tag can be mounted to any asset with a flat surface, and it can also be easily attached to items via the slotted hole near one of its ends.

Key features

- ✓ Access control
- ✓ Tracking of assets
- ✓ Tracking of personnel





Technical Specifications

Receive frequency	433MHz
Transmit frequency	916MHz 927MHz or 868MHz
User memory	0 to 256kbit
Optional memory	0 to 128kbit in 2 x increments
Read range	Receive<30m (100ft), transmit<85m (280ft)
Multi-tag read capability	Yes
Power requirement	3V lithium-ion replaceable watch battery
Operating temperature	-35°C to 50°C (-31°F to 122°F)
Storage temperature	-40°C to 85°C (-40°F to 185°F)
Dimensions	(L x W x H) 85.2mm x 4.5mm x 8.5mm (3.4in x 2.1in x 0.3in)
Housing	ABS (Acrylonitrile Butadiene Styrene)
Weight	14g (0.5oz)





GAO RFID Inc.

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Product Overview

433MHz Active RFID Tag (127008)



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