



Quick and easy attachment to any standard U-mounted rack assets that needs to be tracked

Designed for use with rack-mounted assets, this 433 MHz active RFID tag features an industrial-strength adhesive backing for quick and easy attachment to any standard U-mounted rack assets that needs to be tracked, located and identified. The design of these single-use tags ensures clear signal transmission in rack and data center deployments. Every tag broadcasts its unique ID and a status message once every 10 seconds using patented communication protocols that allow for very high tag densities and ensures accurate collection of asset inventory and location data.

The tag cases are impact resistant, splash resistant and temperature stable. They operate at a very low duty cycle that translates to a longer battery life of typically 7 years at a 10-second beacon rate.



Features

- ✓ Encoded Radio Transmissions at 433 MHz
- ✓ Specially Designed for Use with U-Mounted, Rack Installed Assets
- ✓ Industrial-Strength Adhesive Backing Keeps Tag Securely in Place
- ✓ Superior Anti-Collision Technology for High Tag Densities
- ✓ Designed for Use with the R200 Active RFID Rack Reader

Benefits

- ✓ Easy Installation
- ✓ On-Demand Inventory of Rack-Mounted Assets
- ✓ Low Power Consumption for Long Battery Life



Technical Specifications

Operation

Operating Frequency	433.92 MHz
Group Code & Tag ID Codes	> 1trillion unique IDs
Typical Transmission Range	> 30 ft.
Radiated Emissions	71.8 dBuV/m (maximum)
Modulation	ASK
Stability	Saw Stabilized

Enclosure

Width (Tongue)	2.22 in (56.4 mm)
Depth (Tongue)	4.96 in (126.0 mm)
Height (Tongue)	0.35 in (8.9 mm)
Case Weight:(with Tag)	1.20 oz (34.16 g)
Construction	Lexan polycarbonate
Durability	Tough, impact resistant and temperature stable
Mounting Options	3M 200 MP Adhesive

Environmental

Operating Temperature:	-20° C to +70° C
Storage Temperature:	-40° C to +80° C
Sealing	Splash resistant

Power

Battery Type	Lithium CR2032 coin cell
Battery Life	> 7 years



GAO RFID Inc.

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Celebrating Over 15 Year of Innovation

Product Overview

**Active 433MHz IT Asset Tag
124046**



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