

Specifically designed for use with rack-mounted equipment, these affordable and easy to install tags enable you to instantly determine and verify the location of rack-based IT assets.

Features & Benefits

- ◆ **Encoded Radio Transmissions at 433 MHz**
- ◆ **Specially Designed for Use with U-Mounted, Rack Installed Assets**
- ◆ **Designed for Use with a Single Asset**
- ◆ **Industrial-Strength Adhesive Backing Keeps Tag Securely in Place**
- ◆ **Superior Anti-Collision Technology for High Tag Densities**
- ◆ **Easy Installation**
- ◆ **On-Demand Inventory of Rack-Mounted Assets**
- ◆ **Low Power Consumption for Long Battery Life**

Designed for use with rack-mounted assets, the 433 MHz R100 battery-powered RF transmitter features an industrial-strength adhesive backing for quick and easy installation. Simply peel off the adhesive backing and attach the tag to any standard U-mounted rack assets that needs to be tracked, located and identified.

The form factor of these affordable, 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 RF

Code's patented communication protocols, allowing for very high tag densities and ensuring accurate collection of asset inventory and location data. Asset data is then received by RF Code readers

R100 tag cases are impact resistant, splash resistant and temperature stable. The R100 tag operates with a very low duty cycle that translates to long battery life (typically 5-7 years at a 10-second beacon rate).

RF Code solutions eliminate expensive, inaccurate, time-consuming manual processes while increasing visibility of your data center's rack-based assets. With RF Code, you have "instant inventory"—automated, real-time, on-demand physical asset inventory and management for your data centers.



RF Code R100 IT Asset Tag Specifications

OPERATION

| | |
|----------------------------|-------------------------------------|
| Operating Frequency | 433.92 MHz |
| Group Code & Tag ID Codes | > 540,000 unique IDs per Group Code |
| Typical Transmission Range | > 30 ft |
| Radiated Emissions | 71.8 dBuV/m at 3 meters (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 |
| Operating Humidity | < 95% RH non-condensing; not recommended for outdoor applications |
| Sealing | Splash resistant |

POWER

| | |
|--------------------|--------------------------------------|
| Battery Type | Lithium CR2032 replaceable coin cell |
| Smart Tag Features | Low battery indication |
| Battery Life | 5-7 years (typical) |

