

The M131 thin asset tag, with its adhesive-backed tag enclosure, is the perfect asset tag for tracking IT equipment and shareable resources such as handheld and laptop computers.

## Features & Benefits

- ◆ **Encoded Radio Transmissions at 433 MHz**
- ◆ **Low Profile and Rounded Edges**
- ◆ **Thin Tag Enclosure**
- ◆ **Designed for Use with a Single Asset**
- ◆ **2.5 Second Beacon Rate**
- ◆ **Low Power Consumption for Long Battery Life**
- ◆ **Smart Tag Options: Tamper Detection**
- ◆ **Superior Anti-Collision Technology for High Tag Densities**

The 433 MHz M131 Thin Tag is a battery-powered RF transmitter that attaches to items that need to be tracked, located and identified. Every tag broadcasts its unique ID and a status message at a periodic rate (that is programmed at the factory). With their low profile and rounded edges, M131 Thin Tags are specifically designed for tracking IT equipment and shareable resources such as handheld and laptop computers that slide into carrying cases and frequently move between different locations.

The M131 tag's adhesive backing allows for easy installation and helps prevent tampering or removal of the tag. M131 Thin Tags are designed to be used for the entire lifespan of a single asset. Simply peel the adhesive backing off of the tag, apply the tag to an asset, and you're done. RF

*M131 asset tags feature impact resistant, splash resistant, temperature stable tag case. Standard M131 tags operate with a very low duty cycle that translates to long battery life (typically > 3 years at a 2.5-second beacon rate).*

Code's patented communication protocols allow for very high tag densities. Large populations of tags can be deployed in highly scalable asset tracking environments.

M131 tags are programmed to operate at 2.5-second beacon rates, and can be customized to support an integrated tamper detection sensor. Once applied, if the M131 is removed from the asset it will broadcast a tamper detected signal, enabling you to react accordingly.

Tag cases are impact resistant, splash resistant and temperature stable. Read ranges up to 150 ft. are typical. The standard tag operates with a very low duty cycle that translates to long battery life (typically > 3 years at a 2.5-second beacon rate).



# RF Code M131 Thin Asset Tag Specifications

## OPERATION

Operating Frequency	433.92 MHz
Group Code & Tag ID Codes	> 540,000 unique IDs per Group Code
Typical Transmission Range	Up to 150 ft (typical)
Radiated Emissions	71.8 dBuV/m at 3 meters (maximum)
Modulation	ASK
Stability	Saw stabilized
Sensor Option	Tamper

## ENCLOSURE

Case Length	1.370 in (34.79 mm)
Case Width	3.04 in (77.21 mm)
Case Height	0.228 in (5.79 mm)
Case Weight (with tag)	0.50 oz (14.1 g)
Construction	Injection-molded polycarbonate enclosure
Durability	Tough, impact resistant and temperature stable

## 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 coin cell
Smart Tag Feature	Low battery indication
Battery Life	> 3 years *

\* Battery life estimated for a 2.5-second beacon interval.

