

# M184 Mobile Equipment Asset Tag



**Designed for deployment on laptops and mobile equipment with metal enclosures and electronics. M184 tags enable asset tracking, visibility and actionable data for mobile equipment.**

## Features & Benefits

- ◆ Encoded Radio Transmissions at 433 MHz
- ◆ Superior Anti-Collision Technology for High Sensor Densities
- ◆ Visibility for Mobile Equipment for Tracking, Auditing and Actionable Data
- ◆ Ultra-thin Form Factor Ideal for Laptops, Tablets and Mobile Equipment
- ◆ Industrial Strength Adhesive Backing Keeps Tag Securely in Place
- ◆ Integrates with RF Code's CenterScape Platform
- ◆ Long Battery Life Four (4) Years

RF Code's M184 mobile asset tag uses RF technology to track the location of mobile IT equipment in corporate and industrial environments. The M184 asset tag is specifically designed to work on metal surfaces. And the ultra-thin sleek profile makes it ideally suited for tracking laptops and other mobile equipment such as:

- Tablets
- A/V Equipment
- Lab Equipment

Designed to easily attach to metallic or non-metallic surfaces, simply peel and stick the tag to a flat surface. An industrial strength adhesive keeps the tag securely attached to the equipment.

Each tag is individually programmed with a unique tag ID serial number and is associated with the equipment it is attached to. The tag broadcasts its unique tag ID once every sixty (60) seconds using RF Code's patented communication protocol.

Out of the factory the M184 is put into deep sleep to preserve the battery life. This ensures the M184 will continue to perform throughout its lifecycle once it

is deployed. Once the tag is associated with the asset the IT administrator can activate the battery from deep sleep and it will begin operating. The battery life expectancy of the M184 is approximately four (4) years once it is activated.

The mobile asset tag communicates with the existing RF Code Readers to determine proximity location for the mobile asset within 200 sq. ft. This results in a cost-effective solution when it is necessary to detect the presence of an asset inside of a room or building. The mobile asset monitoring solution is made available in RF Code's CenterScape platform.

The software can provide visualizations and associates data with actions for equipment moves with real-time alarms, alerts and notifications generated based upon user criteria such as:

- Unauthorized Equipment Restricted Area
- Transfer of mobile equipment from building to building to remote locations
- Inventory management auditing of mobile equipment



*The M184 Mobile Asset Tag is ideal for IT administrators that want to track mobile assets*

# RF Code M184 Mobile Asset Tag Specifications

## OPERATION

Operating Frequency	433.92 MHz
Typical Transmission Range	100 ft. (33 m) line of sight
Emitted Radiated Power	0.13 mW
Group Code & Sensor ID Codes	> 540,000 unique IDs per Group Code RFMUBV
Modulation	ASK

## ENCLOSURE

Case Length	2.54 in (64.5 mm)
Case Width	2.54 in (64.5 mm)
Case Height	0.10 in (2.6 mm)
Construction	Injection-molded enclosure - Flame retardant UL94-HB rated
Durability	Tough, impact resistant and temperature stable
Mounting Options	Industrial-strength adhesive

## ENVIRONMENTAL

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

## POWER

Battery	Lithium CR2016 (90mAh)
Battery Life Expectancy Power Supply	> 4 years with 60 second beacon rate
Smart Tag Feature	Low battery indication

## SOFTWARE

CenterScape	Requires version CS 1.4 and above
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## REGULATORY

FCC Compliance	FCC Title 47 CFR Part 15; FCC ID: P6F-MAT433
CE Compliance	RED 2014/53/EU Article 3.1(a): Health and Safety RED 2014/53/EU Article 3.1(b): Electromagnetic Compatibility RED 2014/53/EU Article 3.2: Radio Spectrum CE Marked



9229 Waterford Centre Blvd. ♦ Suite 500  
Austin, TX 78758  
Tel: 512-.439.2200 ♦ Fax: 512.439.2199  
[sales@rfcode.com](mailto:sales@rfcode.com) ♦  
<http://www.rfcode.com>

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