

VER-1970/1972/1974 Asset Tag

Affixed to equipment or other assets, the Asset Tag identifies an item's location within a sensed facility using safe, invisible, digitized infrared (IR) light signals. The IR Sensor receiving a tag's unique ID signal identifies its location. Regularly emitted radio frequency (RF) signals act in a supervisory capacity.

Compatibility notes:

- VER-1970 non-eXtended Life (non-XL) tags can be used with any Midmark RTLS IR system.
- VER-1972 XL tags feature improved battery life and are only compatible with XL Wired IR Sensors or Wireless IR Sensors.
- VER-1974 Ext-XL tags also feature 20-bit Extended ID technology which, on the Wired IR Sensory Network, requires VER-2404-DHCP Collectors or later and VER-2032-DHCP Concentrators or later.



FEATURES

- IP53 rated (water/dust sealed)
- Durable polycarbonate cover
- Chemical-resistant nylon base
- Dual IR/RF patented signaling technology (FCC approved)
- XL technology (VER-1974 only) provides battery life of up to two years depending on time in motion
- Easy battery changes with snap-lock housing
- Battery-extending motion sensor
- Low battery indicator light

REQUIRED - SOLD SEPARATELY

- CR2477 3.0V lithium coin cell battery, available through Midmark RTLS, VER-6010

BATTERY NOTICE

The use of any battery that does not meet the technical requirements specified by Midmark RTLS will void the Midmark RTLS warranty. Refer to RCD-3026 Battery Recommendation and Warranty Information for details. **Midmark RTLS highly recommends the use of Murata batteries.**

TECHNICAL SPECIFICATIONS

Size

2.406"H x 1.375"W x 0.563"D

Weight

0.9 oz with battery

Housing

Durable dark purple polycarbonate - top
Black nylon - base

IR Transmission Interval

3 sec when in motion, 2 min resting

IR Wavelength

875 nm, 455 KHz

IR Range

16 ft

IR Peak Output

0.3 W +/- 5%

RF Transmission Interval

2 min

RF Frequency

433.9 MHz

RF Range

90 ft open air

RF Peak Output

< 1 mW

Operating Environment

32°F - 125°F (0°C - 52°C)

0 - 95% RH, noncondensing

Storage Environment

14°F - 140°F (-10°C - 60°C)

0 - 95% RH, noncondensing

Asset Tag adheres to equipment using 3M VHB tape*

PROPER MOUNTING

For optimal performance of the Asset Tag, it is very important that you read and understand the insert that ships with the tag.

* 3M does not warrant that VHB will adhere to all materials and surfaces but rather specifies testing the surface that you intend to use as the attachment area. If preferred, conventional fasteners may be used.

FCC STATEMENT:

This component complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: 1) This device may not cause harmful interference, and 2) this device must accept any interference received, including interference that may cause undesired operation. Modifying or tampering with the transceiver's or receiver's internal components can cause a malfunction, invalidate the warranty, and will void your FCC authorization to use these products.



INDUSTRY CANADA STATEMENT:

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.