

## 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.



### 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.



### 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