



# PLUS BADGE TAG

The PLUS Badge Tag is a compact Ultra Wideband (UWB) transmitter that is designed for locating personnel or mobile assets. As part of the PLUS Real Time Location System (RTLS), the vertically oriented badge tag features a call button with LED indicator, and a radiation beam pattern from the front and back of the tag. The badge tag has a very thin form factor and is extremely light, with a weight of less than one ounce.

The badge tag attaches easily to a lanyard or clip-on badge holder to provide flexibility in how it can be worn by a person, and is designed for an IP 65 ingress protection rating to provide protection against dust and liquids (a waterproof version of the badge tag is also available – see specifications for more information.) The call button can be customized for different RTLS applications to provide notifications and/or alarms, and the LED provides confirmation of the specific button event.

## TAG BEAM PATTERNS



**AZIMUTHAL PATTERN**



**ELEVATION BEAM PATTERN**

## SPECIFICATIONS

### DIMENSIONS

37mm x 75mm x 6.8mm (standard)  
38mm x 78mm x 9.6mm (waterproof)

### WEIGHT

0.64 ounces (18g) (standard)  
0.74 ounces (21g) (waterproof)

### BATTERY LIFE/TYPE

2 Hz Update Rate – 5.8 years  
4 Hz Update Rate – 1.8 years  
Lithium Manganese Dioxide (non-replaceable)

### INGRESS PROTECTION

IP 65 compliant (standard)  
IP 66 compliant (waterproof)

### CALL BUTTON

Multiple button events with LED indication

### RF EMISSIONS

Center frequency  
6.6 GHz

### TEMPERATURE

Operating: -20°C to +55°C  
Storage: -30°C to +60°C

### HUMIDITY

Up to 95%, non-condensing

### FCC CERTIFICATION

FCC 15.250 compliant  
FCC ID: NUF-PLUS-0908

### PART NUMBER

Standard:  
1012T01 – 2 Hz Update Rate  
1014T01 – 4 Hz Update Rate

### Waterproof:

120TW02 – 2 Hz Update Rate  
120TW04 – 4 Hz Update Rate

### SAFETY CERTIFICATION

ETL Certification (UL60950)

## FOR MORE INFORMATION

### TIME DOMAIN®

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