



Industrial Tag

IT-1BLF, IT-2BLF

FEATURES:

- Ruggedized tag for internal and external use – waterproof and highly shock resistant
- Superior range
- Long battery life of 48 months
- Built-in Motion Sensor (IT-2BLF)
- Flexible mounting options
- Can be used on literally any surface, including metal surfaces

DESCRIPTION:

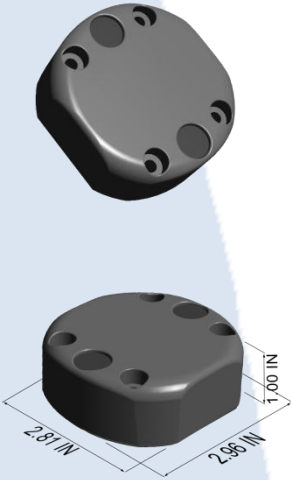
The IT-1BLF and IT-2BLF are highly ruggedized Active Tags that are waterproof and can withstand significant shock and vibration, as they are specially developed for tracking, location and protection of items indoors and outdoors in industrial or commercial applications. They are designed to be mounted by the use of screws in the holes provided in the tag housing, or by means of a built-in magnet for application on magnetic surfaces. The tag may be placed on metal objects, with little degradation of its performance.

The tags contains a UHF transmitter and a Low Frequency (LF) Receiver. They periodically transmit location “Blink” messages, and send an instantaneous message when entering GuardRFID’s Tag Exciter field. This combination enables tags to be tracked and located in real time, as well as allowing for instant detection of tags at choke points, such as doors or gates. This functionality also allows use of tags in access control and security applications, as each tag has a unique identity and can be configured to have its own rules pertaining to discovery and access privileges. The IT-2BLF also contains a motion sensor which can be used to control the Blink rate of the tag or for reporting the tag in motion for business processes or security purposes.

Transmission of data from the tags is exceptionally rapid, allowing literally hundreds of Tags to be detected simultaneously at choke points, and also enabling a high density of Tags to coexist within the system coverage area.

SPECIFICATIONS:

	IT-1BLF	IT-2BLF
Part Number	61-10205	61-10206
Transmit Frequency	433 MHz	433 MHz
Receive Frequency	125 KHz	125 KHz
Battery Life	48 months	48 months
Blink Interval	5 minutes	5 minutes static, 20 sec. during motion
Sensors	None	Motion
Dimensions	2.8" x 2.96" x 1.00" (71 x 75 x 25.4 mm)	2.8" x 2.96" x 1.00" (71 x 75 x 25.4 mm)
Weight	80 gm	80 gm
Operating Temperature	-22° F to 122°F (-30°C to 50°C)	-22° F to 122°F (-30°C to 50°C)
Humidity	0 – 100%, waterproof enclosure	0 – 100%, waterproof enclosure
Regulatory	FCC Part 15 Approved	FCC Part 15 Approved
Warranty	Prorated over 48 months	Prorated over 48 months



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Conforms to UL-294
 FCC ID: VZKIT



This device 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.

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.