

- Passive tag meets Gen 2/ 18000-6C requirements
- Rugged multi-mounting options for ease of installation
- Provides both edge and normal reading performance
- · Long range global performance
- Rugged encapsulation for harsh environments
- · Reusable for lower cost per use
- · RoHS and WEE compliant

Intermec's rugged IT67 Enterprise LT Tag is the first in the industry, designed to provide both edge and normal performance for enhanced portal and forklift RFID applications. With a range of up to 26ft (7.92m) and an IP rating of IP67, the IT67 is suitable for harsh environments and meets global standards.

## **Typical Applications Include:**

- · Automotive containers
- · Large metal containers
- Postal roll cages
- Metal drums

## **Attachment Methods**

The IT67 tag can be attached using screws, rivets, double-sided adhesive strips or a variety of other methods. Additional mounting options are available through our network of Intermec partners.

## **Ordering Information**

Order Number	Comments
225-756-001	SamplePackage (Qty. 10)
225-757-001	Production Package (Qty. 250)

## **Reader Compatibility**

Intermec manufactures a complete line of readers that are compatible with the IT67 tag as indicated in the table below.

## Tag Type

## Intermec Reader Models

EPC Global Gen 2/ISO18000-6C

## **Mobile Readers**

IP4 Hand-Held Reader IP30 Hand-Held Reader IV7 Vehicle Mount Reader

## **Fixed Readers**

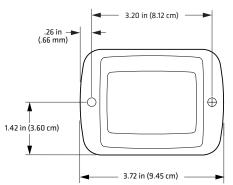
IF4 Fixed Serial Reader IF5 Fixed Network Reader IF30 Fixed Network Reader IF61 Fixed Enterprise Reader

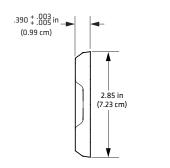
IT67 can be read with any competitive Gen 2/ ISO 18000-6C reader.



#### Size

2.85 in x 3.72 in (7.23 cm x 9.45 cm)





## Available Silicon Type, Memory Size & Data Retention Air Interface

EPC Gen 2/ISO 18000-6C

Silicon Type

NXP-SL3S1002FTT

## Memory Size

512-bit-on-chip user memory

#### **Data Retention**

EEPROM 2 years min

## Comments

EEPROM write endurance 10,000 cycles

## **Temperature Ratings**

Condition Temperature

Storage -40° F to 185° F (-40° C to 85° C)
Operating -40° F to 150° F (-40° C to 66° C)

## Vibration

5g RMS, 1.6-2000 Hz flat spectrum

## **Frequencies of Operation**

**EPCglobal Gen 2/ISO 18000-6C:** 860 MHz to 960 MHz

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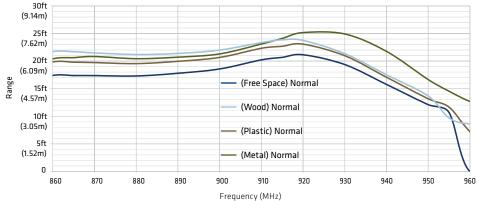
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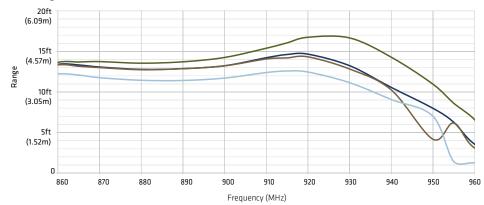
#### Internet

www.intermec.com Worldwide Locations: www.intermec.com/locations

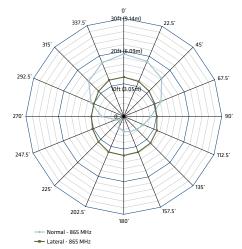
#### Read Range Performance of IT67 - (Normal Orientation)



#### Read Range Performance of IT67 - (Lateral Orientation)



# 865 MHz Read Range Pattern of IT67 in Prinicipal Planes on Metal of 12"x12" (30.48cm x 30.48cm)



## Sales

Toll Free NA: (800) 934-3163
Toll in NA: (425) 348-2726
Freephone ROW: 00 800 4488 8844
Toll ROW: +44 134 435 0296

#### **OEM Sales**

Phone: (425) 348-2762

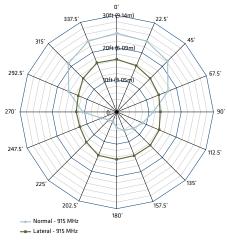
#### Media Sales

Phone: (513) 874-5882

## **Customer Service and Support**

Toll Free NA: (800) 755-5505 Toll in NA: (425) 356-1799

# 915 MHz Read Range Pattern of IT67 in Prinicipal Planes on Metal of 12"x12" (30.48cm x 30.48cm)



# Note: All measurements reflect output power of 4W EIRP



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