

# Flag Tag



## Tracks assets securely on metal and liquid surfaces.

The TUDI Flag Tag is a versatile RFID tag operating at 920-923 MHz UHF, designed to simplify asset tracking and management across different environments. With its easy installation feature, it's a user-friendly solution for industries like manufacturing, logistics, and more. Compact and efficient, it's perfect for everyday use without the need for complex setup.

One of its standout features is its ability to perform well on challenging surfaces, including metal and liquids, where traditional RFID technologies often struggle. The tag ensures accurate data and seamless operations even in demanding conditions. Additionally, it's equipped with enhanced security features to protect sensitive data, giving users peace of mind during its application.

Built to meet strict industry standards, the TUDI Flag Tag is a reliable tool for modern-day needs. Its proven quality not only streamlines workflows but also helps businesses boost productivity and reduce operational risks. Whether you're tracking assets or managing inventories.

## Overview

### Frequency Band

UHF 920 - 923 Mhz (ID)

### Chip

Impinj Monza® R6-P

### Antenna Dimension

15 x 40 mm

### Label Dimension

80 x 45 mm

### International Standard

ISO 18000-6C

### Industry Segments

Logistics  
Supply Chain  
Retail  
Manufacture  
Healthcare  
Hospitality  
F&B

### Applications

Asset Tracking  
Inventory Management  
Equipment Monitoring  
Anti-theft System  
Part Tracking  
Product Authentication  
Quality Control

## Technical Features

Chip	Impinj Monza® R6-P
EPC & User Memory	128 Bits & 32 Bits
TID Memory	96 Bits with 48 Bits Serial Number
Frequency Band	920 - 923 MHz (ID)
Delivery Format	Label
Read Cycle & Lifetime	100,000 Programming cycles, 50 Years of Data Retention
Face Material	White PET
Inlay Substrate	PET
Operating Mode	Passive
Operating Temperature	-5~60°C / Humidity 20%~80%

## Product Overview



### Contact Information

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