

LED Tag



Fast, Accurate, and Effortless Asset Tracking with Visual Identification

This innovative UHF LED label is designed to enhance asset tracking and inventory management with precision and efficiency. Utilizing RFID technology, it enables seamless identification and location tracking, reducing the time spent on manual searches. The integrated LED indicator allows for quick visual identification, making it ideal for fast-paced environments.

With a passive UHF design, this label operates within the 920–923MHz frequency range, ensuring wide compatibility with RFID systems. Its durable construction supports long-term use in various conditions, while its compact size makes it easy to integrate into existing workflows. The one-time programmable (OTP) memory ensures data integrity, providing reliable asset management over time.

Ideal for streamlining operations, this smart label helps businesses improve efficiency, reduce errors, and enhance security. Whether for asset tracking, inventory control, or authentication, it offers a cost-effective solution to optimize resource management and operational visibility.

Overview

Frequency Band

UHF 920 - 923 Mhz (ID)

Chip

KX2005XBL

Label Dimension

100×12mm Label

LED Indicator

Green LED for asset finding

International Standard

ISO/IEC 18000-6C & EPC Gen2

Industry Segments

Logistics
Library & Education
Retail
Manufacturing
Healthcare
Aviation
Government

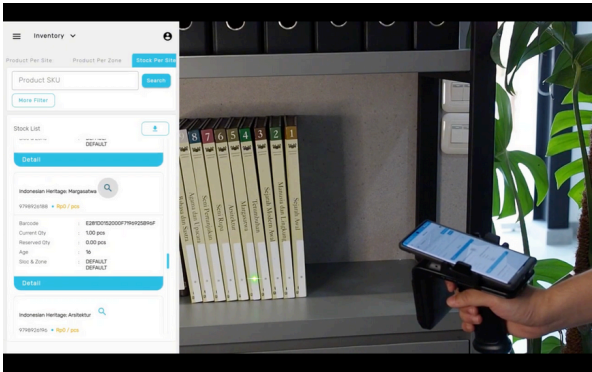
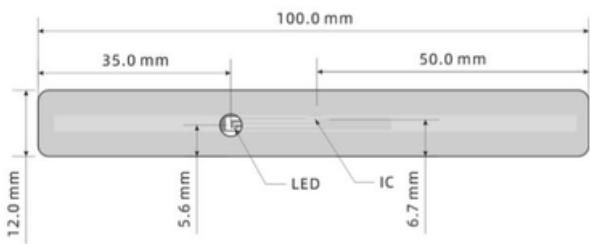
Applications

Asset Tracking
Inventory Management
IT Equipment & Device Tracking
Luggage & Baggage Tracking
Part Tracking
Tool & Equipment Monitoring
Quality Control

Technical Features

Chip	KX2005XBL
EPC & User Memory	160 bits & 1313 bits
TID Memory	96 bits
Frequency Band	920 - 923 MHz (ID)
Delivery Format	Label
Label Size	100×12mm
Inlay Size	95×3mm
LED Color	Green
Lifetime	10 Years of Data Retention
Operating Mode	Passive
Operating Temperature	-5~60°C
Storage Temperature	20°C~30°C
Humidify	20%~80% RH

Product Overview



Contact Information
www.tudi.id/contact-us
+62 877-3201-8345

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