

EPC Gen2 RFID Beginner's Kit



RFID development has been so complicated in the past due to interfacing with multitude of devices and requirements. Compliance to standard and differences in frequencies, environmental factors and others affects RFID. This make it difficult for beginner's to pick up RFID. This kit is created to bring RFID to everyone and make it as simple to use as possible.

LOW COST & EASY TO USE

Our RFID Beginner's Kit is a low cost and easy to use kit for implementing RFID project fast. Little background knowledge is required. So why pay thousands of dollars to implement RFID solutions. Get this kit now to become a RFID expert.

GREAT PACKAGE ALL IN ONE

Kit Contents

1 UHF Multiprotocol RFID Reader
 10 RFID Read/Write Tags with Anti Collision
 1 USB Cable Attached
 1 Beginner's Kit CD-ROM
 User guide and product documentation

Physical Dimensions

Length: 5" approx
 Width: 3" approx
 Depth: 1" approx

Electrical Characteristics

Frequency: UHF 868 to 950MHz
 Power: USB
 Communication Interface: USB
 Operating Temp: -20 – 80 Celsius
 Current Consumption: 54.7mA
 Operating Voltage: 4.5 – 5.5V
 Supply Voltage: 5V
 Reading Range: up to 60cm depending on tags.

Supported Tag Formats

EPC Gen 2 Class 1
 ISO 18000-6C
 Gen1 Class 1

ABOUT RFID KIT

Used in product identifications and library applications. Capable of storing user defined data and support anti-collision tags. If you want a mobile database in a RFID tag and reads multiple tags at one time, this kit is the right one.

Choose a kit based on your application requirements. If you decided to change to another kit in the middle of development, don't worry, our software library is compatible with both kits.

RFID Beginner's Kit Features

- Easy to use software educate user on how does RFID works.
- USB powered device without the need of additional power supply.
- Low cost and simple suitable for low budget system installation.
- Easy to understand software development library for fast application development.
- Small in size can be integrated into other hardware systems.
- Extendable & scalable features enable large-scale system integrations.
- Can be used as a testing unit or for small project implementations.
- Middleware in the kit provide easy upgrade path to support more powerful RFID equipment.

System Requirements

CD-ROM Contents
 RFID Beginner's Kit software
 1 user license for RFID SDKs (Easy application development through ActiveX control)
 1 User Manual

Hardware Requirements
 OS: Windows 2000 & XP
 RAM: 64 MB minimum
 Hard disk space: 50 MB
 Ext. Port: USB

Development Environments
 Ms Visual Basic
 Ms Visual C++ Ms Visual Interdev
 Ms Visual Studio
 Ms Visual Studio.net
 Ms Visual C#
 Redhat Linux
 Java

Note: .NET Framework Required for all .NET examples

Intensecomp Pte Ltd

Blk 1003, Bukit Merah Central, #06-23, Technopreneur Centre, Singapore 159836.
 Tel: (65) 6278 7558 Fax: (65) 6273 9068
<http://www.intensecomp.com> email:sales@intensecomp.com