Use-IT-Easy : A Low Cost, High Performance Mobile RFID Platform

USB Reader

Product Profile

The USB Reader is a small, lightweight EPC Gen 2 compliant UHF RFID reader. The USB Reader fits comfortably in your hand. It can support applications that require desktop reading and writing of RFID tags. It can be controlled through a USB interface of a PC, laptop or embedded devices.

The reader is very easy to use there is only one single button for scanning, plus two LEDs for power and data transmission indication. The device is also provided with Software Development Kits and Utilities for using it as a Human Interface Device (HID), which makes it so convenient as a plug and play device.

Features

· UHF RFID reader designed for handheld or desktop use
· Compatible with ISO 18000-6C, EPC Class 1 (Gen 2)
· Full Read / Write capability
· Software Development Kit available for application development
· Ideal for applications such as: asset management, inventory management, stock taking, Point Of Sales, tag commissioning, exception handling etc.

Technical Specifications

· User Interface: Single button for RFID or Barcode scanning, LED's, audio beeper
· Frequency: 860 MHz – 960 MHz
· Protocol: ISO18000-6C, EPC UHF Class 1 Gen 2
· Barcode: 1D Scanner
· Antenna: Internal Circular Polarized
· Approx Read Distance: 1.5m (depending on type of tag)
· Data Communication Interface: USB mini B connector
· Power Supply: via USB
· Size: 143mm(h) x 66mm(w) x 39mm(d)
· Weight: 115g (approx)
· Operating Temperature: 0 to 50 °C

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Compact Reader

Product Profile

Compact UHF RFID reader is specially designed for mobile devices such as smart phones and tablets. It is also fully complaint to EPC Gen2 protocol standards. With its miniature enclosure, it can fit on back plate of different smart phones or tablets. The reader has a simple and clean design without any button.

The device can be controlled through a mobile device completely such as switching between RFID and Barcode, scanning. The compact reader can work on mobile operating system such as Android and Windows Mobile.

Features

· UHF RFID reader designed for handheld or desktop use
· Compatible with ISO 18000-6C, EPC Class 1 (Gen 2)
· Full Read / Write capability
· Software Development Kit available for application development
· Ideal for applications which requires mobility such as: Warehouse Management, Asset Management, Inventory Management, Stock Take, Point Of Sales, etc.

Technical Specifications

· Frequency: 860 MHz – 960 MHz
· Protocol: ISO18000-6C, EPC UHF Class 1 Gen 2
· Barcode: 1D Scanner
· Antenna: Internal Circular Polarized
· Approx Read Distance: 1.5m (depending on type of tag)
· Data Communication Interface: Micro USB
· Power Supply: via Micro USB
· Size: 33mm(h) x 69mm(w) x 69mm(d)
· Weight: 55g (approx)
· Operating Temperature: 0 to 50 °C

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