



## SYNACORP TRADING & SERVICES

No.9, 1st Floor, Lorong 1/SS2, Bandar Tasek Mutiara, 14120 Simpang Ampat, S.Prai (S), Penang  
Tel : +604.502.1726 Hunting Line : 012.403.3474 Fax : +604.502.1726  
(Website) <http://www.synacorp.my> (Email) [sales@synacorp.com.my](mailto:sales@synacorp.com.my)

# 13.56 MHz RFID Reader

## Introduction

High Frequency RFID or 13.56 MHz RFID has been utilized in a wide variety of applications where a read distance of up to 1 meter and a high security level was required. High Frequency RFID is also the least regulated and standardized bandwidth globally. Since there are so many different potential read write algorithms most readers in this range only work with a few protocols or in some cases only one protocol.

Since there are so many different readers available we are displaying only a few of the standard readers that in most cases either have an ISO designation such as ISO 14443-A or ISO 15693 for proximity and vicinity readers and tags or the reader is widely used for specific applications without having any ISO designation.

Some of these readers have the capabilities of DES (Data Encryption Standard) encryption for higher security should it be required for your application needs. If you require a very high level of security and specialised encryption please use the Reader Information Request form and advise us of your specific security requirements and we will be able to supply you with the enhanced security readers and tags that you need. We can supply customized security readers and tags that are unique to your application requirements.



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### **Specification**

- Frequency: 13.56MHz
- Baud Rate: 9600
- Reading time: <0.5s
- Power Supply: +5V DC
- Consume Current: 70mA
- USB Cable Length: 1.5m
- Supporting Cards: Mifare S50, S70
- Protocol: 14443A
- Supporting System: Windows8\7\XP\98\2000\CE\ME\NT\LIUNIX\Vista, Android
- Dimensions: Approx. 4.13\*2.76\*0.47in / 10.5\*7\*1.2cm

### **Packing List**

- USB cable
- 13.56MHz RFID Reader
- User Manual



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### Hardware Interface/Setup

How To Use:

1. Connect with computer through the USB cable inside.
2. Open notepad or a word document.
3. Put card on the top of the reader.
4. The document will output card number automatically.





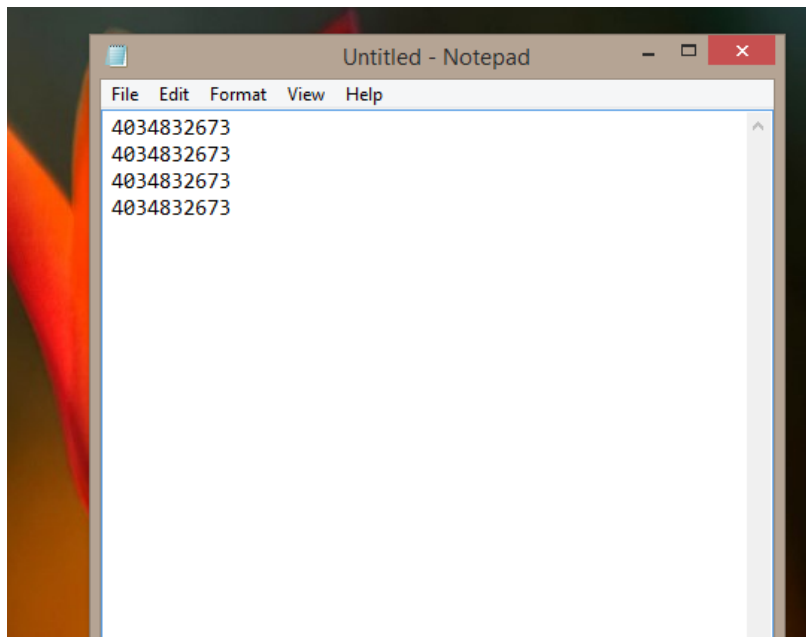
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### Connection



### Results



For purchase & enquiries, please contact [sales@synacorp.com.my](mailto:sales@synacorp.com.my) or call 04-5021726



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### **Applications**

- Access control
- Item/people tracking
- Security applications
- Patrol / Mining / Finance and Railway system