

Desktop Mifare Reader DT9910MF

Introduction

The DT9910MF applies Philips Mifare contactless smart card technology. It is a low cost high performance smart card reader writer. It suitable for a wide range of applications, like access control, PC Logon and POS system. It provides KEY A and KEY B read / write control. Tailor encryption will be applied to the PC logon application.

Specifications

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|--------------------------------|---|
| Power Requirements | 5V DC at 250mA. Power source from PC keyboard port or from USB Port. |
| COM Interface | RS232 interface. Baud rate : 57600, data bits : 8, stop bit : 1, parity : N. USB (COM redirector) interface |
| Read Range | Safety read write range for 3 cm with Philips Mifare S50, S70 and Ultra Light U10 card. |
| Frequency | 13.56Mhz standard |
| Transponder | Read / Write. |
| Operating temperature | -22° to 150° F (-30° to 65° C) |
| Operating humidity | 0-95% relative humidity non-condensing |
| ISO Standard | ISO14443 Type A compatible. |
| Audio/visual Indication | Red, Green led and buzzer. |
| Dimensions | 110 mm x 80 mm x 25 mm |
| Weight | 100gm |
| Response Time | Less than 0.2 sec |
| SDK | Provide SDK for second development |
| RS232 / USB | RS232 or USB (virtual COM) feature. For RS232 cable, power supplied by PS/2 port. |