



An Auto-ID Company

# ALC-Tech (M) Sdn Bhd

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## Mifare Reader



**Product Name** : Mifare® Card Reader / Writer

**Model No.** : PCR310

**Introduction** : The **PCR310** is a high performance Mifare® card reader and writer. Multi-application cards can also be used with this read / write unit.

By using **PCR310** reader / writer (module) and the encorder software, customers can implement their own applications and define security keys themselves.

**Features** :

- Frequency: 13.56 MHz
- Read / Write ISO 14443A ; Mifare® Class and Mifare® PRO Standard cards
- Fast data transfer
- High data integrity
- True anticollision
- MF5 read / write module for handy terminal or custom-built.

**Specifications** : **PCR310**

Major feature Feature: Read / Write for Card Issue  
RF Frequency: 13.56Mhz  
RF Distance: 2 cm  
DC Power: 5V / 100mA  
RS232: 19200,N,8,1  
Interface : USB or RS232  
Protocol : GNET PLUS  
Card Type : ISO 14443A Mifare® Class Mifare® PRO



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Memory : 32KB  
Dimension (mm) : W65 x L100 x H24.7  
Housing : ABS  
Weight : 115g  
Operating temperature : -10 to 60 Deg C  
Operating relative humidity : 10 ~ 90%

**Mifare® Class: Ultra-Light; Standard 1K; Standard 4K**

**Note: The Specification is subject to change without notice.**

- Application** : \* Access controls \* Admission control  
\* Master and user authentication control  
\* Time and attendance \* Pre-payment  
\* Ticketing \* Prepaid parking / meal coupon  
\* Checking the balance & re-loading an ePurse  
\* Home security & Anti-crime application  
\* Multi-application: Tracking, Retail, Customer, Loyalty, Leisure, Gambling
- Available versions** : **PCR310U** : USB interface with read / write software  
**PCR310R** : RS232 interface with read / write software
- Remark** : \*Mifare is a registered trademark of Philips Electronics N.V.
- Application Example** :

## Pre-payment/ Cashless payment



### Wide application coverage

Sports club membership card  
Meal coupon  
Car parking