

Promag PCR300 and PCR330 are desktop rfid readers which can be used for system logon / logoff, operator identification and many other desktop rfid applications.

PCR300 series readers are available in several versions depending which card technology, casing, interface and output you require:

- Card Technology
 - 125Khz RFID
 - 13.56MHz MIFARE®
- Case Types
 - Cradle slot casing
 - Flat casing
- Interfaces
 - USB Keyboard Emulation
 - USB HID
 - RS232
- Output
 - Decimal
 - Hexadecimal



Flat Casing



Cradle Slot Casing

Cradle slot is designed to accept RFID card as below:

System Unlocked - System can be used when the registered card is sitting in the cradle slot.

System Locked - System cannot be used when the registered card is removed from the cradle slot.

Features

- Compact design
- 125kHz RFID or 13.56MHz MIFARE
- USB keyboard emulation, USB virtual COM or RS232
- Different casing options

Also available

WinLoq - PC logon/logoff software and reader

Frequency	125Khz RFID or 13.56MHz MIFARE
Case type	Cradle slot or Flat
Interface	USB Keyboard, USB Virtual COM or RS232
Baud Rate	9600, No Parity, 8 data bits, 1 stop bit
Output	Decimal or Hexadecimal (option)
Power Supply	DC 5V, 200mA
Dimensions	65 x 100 x 23mm (W x H x D)
Mounting	Desktop
Temperature	0°C ~ +55°C

Introduction:

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

The **MF5** is a tiny Mifare® card read / write module, which is designed for the applications of RFID technology for handy terminal or custom-built for system integrators.

By using **PCR310 / MF5** reader / writer (module) and the encoder software, customers can implement their own applications and define security keys themselves.

Features:

- Fast data transfer
- High data integrity
- True anti-collision
- MF5 read / write module for handy terminal or custom-built.

Applications:

- Pre-payment, Ticketing
- Prepaid parking / meal coupon
- Multi-application: Tracking, Retail, Customer, Loyalty, Leisure, Gambling

Specifications:

	PCR310	MF5
Major Feature	Programmer for card issue	Read / Write module
RF Frequency	13.56 MHz	13.56 MHz
RF Distance	2 cm	Depends on antenna
DC Power	5 V / 100 mA	5 V / 100 mA
Interface	USB RS232, 19200, N, 8, 1	RS232, 19200, N, 8, 1
Protocol	GNET PLUS	GNET PLUS
Card Type	ISO 14443 A Mifare® Class Mifare® PRO	ISO 14443 A Mifare® Class Mifare® PRO
Memory	32 KB	NO
Dimension (mm)	W 65 x L 100 x D 24.7	W 26 x L 36 x H11
Housing	ABS	No
Weight	115 g	10 g
Operating temperature	-10 ~ +60° C	-10 ~ +60° C
Operating relative humidity	10 ~ 90 %	10 ~ 90 %

Ordering Information:

PCR310U : USB interface with read / write software

PCR310R : RS232 interface with read / write software

MF5 + Start Kit : Development kit with read / write software

MF5 : Read / Write Module only

※ **Mifare is a registered trademark of Philips Electronics N.V.**

※ **Specification is subject to change without notice.**



Pre-payment/ Cashless payment



We welcome OEM inquiries

- ◆ Custom design manufacturing is available
- ◆ Custom device programming is available
- ◆ Call factory for other configuration

Introduction:

PCR340 is a simple- to- use device applying dual 125Khz and 13.56Mhz RFID technology to read the unique serial number of the RFID card. It is good to be used for the system access logon/logoff key and the system operator identification, such as POS system logon/logoff and operator identification /authorization with RFID card. PCR340 is a perfect system logon key which can protect the system and prevent the unauthorized people from using the system. .

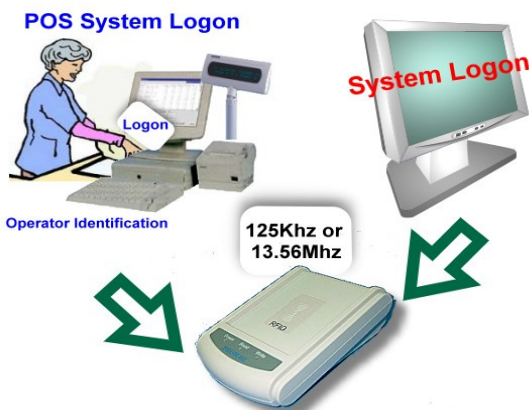


Features:

- Read either 125 KHz or 13.56Mhz frequency cards
- Designed with RS232 or PS/2 or USB interface
- Read unique serial number (UID) of the RFID card
- System Logon/Logoff
- Verify ID code for the system operator identification
In addition to the ID code data, prefix or/and postfix characters can be set
- Cradle design to accept RFID card for the application as below:
 - System is workable when the registered card is sitting on the cradle
 - System is not workable when the registered card is removed from the cradle.

Applications:

- Systems security
- Personal Identification
- POS Systems
- Access Systems Logon/Logoff key
- Personal ID systems
- Automatic data logging



Specifications:

Model	PCR340		
Specification			
Interface	RS232	PS2	USB
Reading Frequency	125Khz, 13.56Mhz		
Baud rate	19200 · 14400 · 9600 · 4800 · 2400 bps		
Card types	EM compatible64 bits, ASK Manchester coding, ISO 14443A Mifare® MF1 1K&4K / Ultralight / DESFire; Read only (for unique serial number/ unique identifier)		
Reading distance	80 mm / 125KHz 40 mm / 13.56MHz		
Power requirement	DC 5V, Stand by 70mA		
Safety Certificate	CE / FCC		
Dimensions	W120 x W86 x H42 mm		
Environment	Operation Temperature: 0 ~ 50 Deg. C Storage Temperature: -10 ~ 60 Deg C Humidity: 10 ~ 90%		

Ordering information:

- **PCR340** - RS232 interface
- **PCR340** - PS2 interface
- **PCR340** - USB interface