

## DESFire®/Mifare® Card Reader & Writer

The PCR320 is a high performance DESFire® / Mifare® card reader and writer. Multi-application cards can also be used with this read / write unit. By using PCR320 reader / writer 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.

### Pre-payment/ Cashless payment



**Wide application coverage**  
Sports club membership card  
Meal coupon  
Car parking

### Specifications:

Major Feature	Programmer for DESFire®/Mifare® card issue
RF Frequency	13.56 MHz
RF Distance	Up to 5 cm (MFA01A)
DC Power	5 V / 150 mA
Interface	USB
Card Type	ISO 14443 A Mifare® Class Mifare® PRO Mifare® DESFire
Dimension (cm)	W 8.5 x L 12 x D 4.2
Housing	ABS
Weight	125 g
Operating temperature	-10 ~ +60° C
Operating relative humidity	10 ~ 90 %

\* Specification is subject to change without notice.

### Applications:

- Guest registration system.
- Authorization Identification.
- Identity Authentication.
- Pre-payment, Ticketing.
- Prepaid parking / meal coupon.
- Multi-application: Tracking, Retail, Customer, Loyalty, Leisure, Gambling.

### Company profile:

Giga-Tms was established in Taiwan in 1987 as a magnetic technology products manufacturer. Ten years later, as soon as the company's CEO noticed the new RFID technique, he immediately foresaw its potential and engaged the R&D group in RFID. Now with its 21 years experience, Giga-Tms owns not only proven RFID techniques of superior standard but also makes reliable products for long life. Giga-Tms always takes into account providing flexible and customized services to every customer. Although based in Taiwan, Giga-Tms exports 90 percent of the annual production mostly to worldwide market. Now in its 21 year, Giga-Tms is looking to strength its image through increased advertising, while remaining faithful to its principles: prioritize the customer.

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