

Introduction:

PCR Series RFID proximity Readers with MSR ABA TK2 emulation can read RFID cards and send out the data with MSR ABA TK2 format. It can simply replace the Mag-stripe reader in your existing systems and no circuit change nor firmware change is needed. PCR Series are equipped with two I/O interfaces, MSR IN and PCR OUT. This feature makes it possible that you may install the Proximity reader to your system in addition to the existing Mag-stripe reader if you would like to use both PCR and MSR on your system.

Features:

- ☆ **MSR ABA TK2 emulation interface, totally compatible with TTL output ABA TK2 standard Mag-stripe reader**
- ☆ **Equipped with two I/O interface, MSR IN & PCR OUT**
- ☆ **Can simply replace Mag-stripe reader**
- LED indicator to show operation status
- Audible beeper to show reading status
- Can be installed on metal surfaces, walls and doors

Applications:

- Access Controls
- Time & Attendance
- Personal Identification Systems
- Parking Systems
- Security Systems

Specifications:

Power Requirements	DC 5V
Operation temperature	0 ~ 55° C
Storage temperature	-25 ~ 65° C
Humidity	5 ~ 95 % relative
Interface	TTL / MSR ABA TK2
Read range	PCR262: about 5 ~ 10 cm PCR941: about 5 ~ 12 cm PCR940: about 5 ~ 20 cm
Frequency	PCR262 & PCR941: 125 KHz, ASK PCR940: 134.2 KHz, FSK
Format	PCR262 & PCR941: 64 bits, Manchester coding, EM format PCR940: TIRIS format
Data capacity	PCR262: 40 bits, 10 digits Hex PCR941: 40 bits, 10 digits Hex PCR940: 64 bits, 16 digits Hex
Dimensions	PCR262: H102 x W42 x D27.5 mm PCR94x: H85 x W80 x D25 mm

Ordering information:

- PCR262: 125 KHz, EM technology, small footprint
- PCR941: 125 KHz, EM technology
- PCR940: 134.2 KHz, TIRIS technology

Transponders:

- CFR01: ISO card EM format for PCR262 / PCR941
- CFR03: 2 mm thick EM format for PCR262 / PCR941
- CFR02: 1.6 mm thick TIRIS format for PCR940

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

Simply to replace your
Magstripe reader existing system

