

PCR300Ax Communication Protocol

Specification

Interface	USB Specification 1.1 (PCR300AU) RS232 Communication Prot (PCR300AR)
Communication Parameter	9600 bps ,8,N,1 (Virtual Serial Port Driver for USB)
Flow control	None
RFID reader	125 KHz Band (6.35 dBuA/m(1.2m)) ASK modulation (PCR300Ax)
Supply power	From USB (PCR300AU) From PS2 (PCR300AR)

Operation

1. Insert the card into the slot of the PCR300x

PC ← PCR300x STX + Card ID + CR + LF

2. Pull the card away the slot of the PCR300x

PC ← PCR300x ESC

3. Press the button on the PCR300x

PC ← PCR300x BEL

Command Set

1. Error Sound : Beep- Beep- Beep-

PC → PCR300x A

2. Correct Sound : Beep -----

PC → PCR300x B

3. Get the name of the Device :

PC → PCR300x N

PC ← PCR300x STX + Device Name + CR

4. Get the version of the firmware :

PC → PCR300x V

PC ← PCR300x STX + Version + CR

5. Reset :

PC → PCR300x R

PC ← PCR300x STX + Card ID + CR

NOTE	
STX	02h
BEL	07h
LF	0Ah
CR	0Dh
ESC	1Bh
	ASCII

(The card was lying on the slot)

(The card not was lying on the slot)