PCR300x Communication Protocol

Specification

Interface	USB Specification 1.1 (PCR300xU)
	RS232 Communication Prot (PCR300xR)
Communication Parameter	9600 bps ,8,N,1 (Virtual Serial Port Driver for USB)
Flow control	None
RFID reader	125 KHz ASK modulation (PCR300Ax)
	13.56 Mhz ISO14443A (PCR300Mx)
Supply power	Form USB (PCR300xU)
	Form PS2 (PCR300xR)

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

NOTE

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

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	(The card was lying on the slot)
	ESC					(The card not was lying on the slot)