PCR300Mx-00 Communication Protocol

Specification

Interface	USB Specification 1.1 (PCR300MU) RS232 Communication Prot (PCR300MR)
Communication Parameter	9600 bps ,8,N,1 (Virtual Serial Port Driver for USB)
Flow control	None
RFID reader	13.56 Mhz ISO14443A (PCR300Mx)
Supply power	Form USB (PCR300MU) Form PS2 (PCR300MR)

Operation

1. Insert the card into the slot of the PCR300Mx

PC ← PCR300Mx		STX	+	Card ID	+	CR	+	LF

2. Pull the card away the slot of the PCR300Mx

PC ← PCR300Mx	ESC

3. Press the button on the PCR300Mx

PC ← PCR300Mx	BEL

Command Set

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

1. Error Sound : Beep- Beep- Beep-

PC → PCR300Mx	A

2. Correct Sound : Beep ----------

PC → PCR300Mx	B

3. Get the name of the Device :

PC → PCR300Mx	N

PC ← PCR300Mx	Device Name	+	CR

4. Get the version of the firmware :

PC → PCR300Mx	V

PC ← PCR300Mx	Version	+	CR

5. Reset :

PC → PCR300Mx	R

PC ← PCR300Mx	STX	+	Card ID	+	CR	+	LF
	ESC						

(The card was lying on the slot)

(The card not was lying on the slot)