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 |

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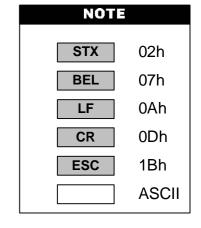
Command Set

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)** |