



**HALF CARD
RFID
INSERT READER**

COMMUNICATION PROTOCOL (PS300xU)

Specification

RFID half-card insert reader	125 KHz ASK modulation (PS300AU) 13.56 Mhz ISO14443A (PS300MU)
Interface	USB Specification 2.0
Communication Parameter	9600 bps ,8,N,1 (Virtual Serial Port Driver for USB)
Flow control	None
Supply Power	Powered via USB (PS300xU)

Operation

1. Card is fully inserted :

PC ← PROXSLOT **STX** + + **CR** + **LF** + **ETX**

2. Card is removed :

PC ← PROXSLOT + **CR** + **LF**

Command Set

1. Error Sound : Beep - Beep - Beep -

PC → PROXSLOT **STX** + **J** + **6** + **CR**

PC ← PROXSLOT **STX** + **A** + **CR**

2. Correct Sound : Beep -

PC → PROXSLOT **STX** + **J** + **5** + **CR**

PC ← PROXSLOT **STX** + **A** + **CR**

3. Get the name of the device and status of the card :

PC → PROXSLOT **STX** + **D** + **CR**

PC ← PROXSLOT **STX** + **A** + **,** + + **,** + + + **CR**

4. Get the version of the firmware :

PC → PROXSLOT **STX** + **V** + **CR**

PC ← PROXSLOT **STX** + **A** + **,** + + **,** + + **CR**

5. Reset :

PC → PROXSLOT **STX** + **R** + **CR**

PC ← PROXSLOT **STX** + **A** + **,** + + **CR** (Card is fully inserted)

STX + **N** + + **CR** (Card is removed)

NOTE	
STX	02h
ETX	03h
BEL	07h
LF	0Ah
CR	0Dh
ESC	1Bh
<input type="text"/>	ASCII