

Spezifikation RFID Reader shotech

Voltage: 4,75V ... 5,25V

Working Frequency : 125KHz

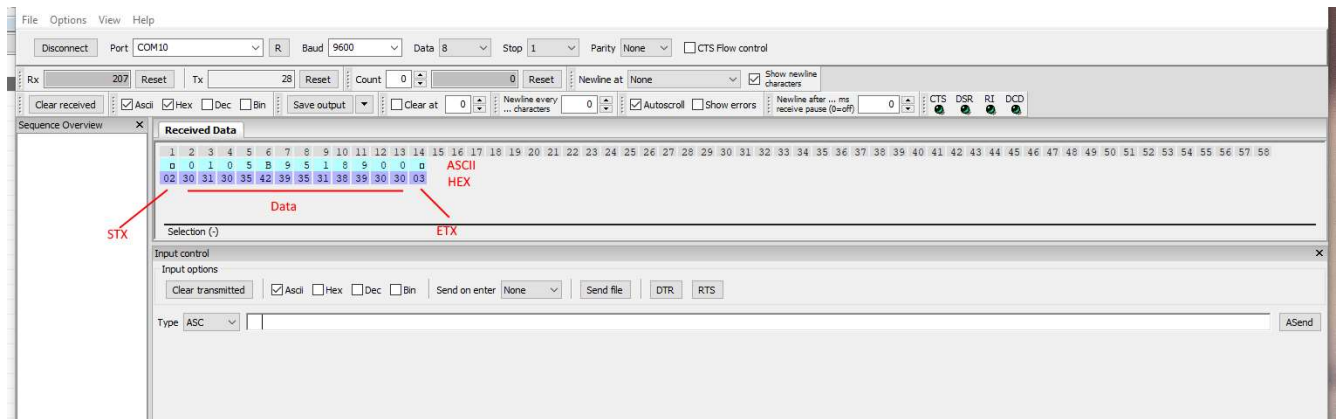
Sensing Distance: 50mm , max 70mm

TTL Output, 9600 Baud, 8 Data Bits, 1 stop Bit, no Parity.

After applying the operating voltage, the RFID reader is activated in 2 seconds. ready, LED red lights up.

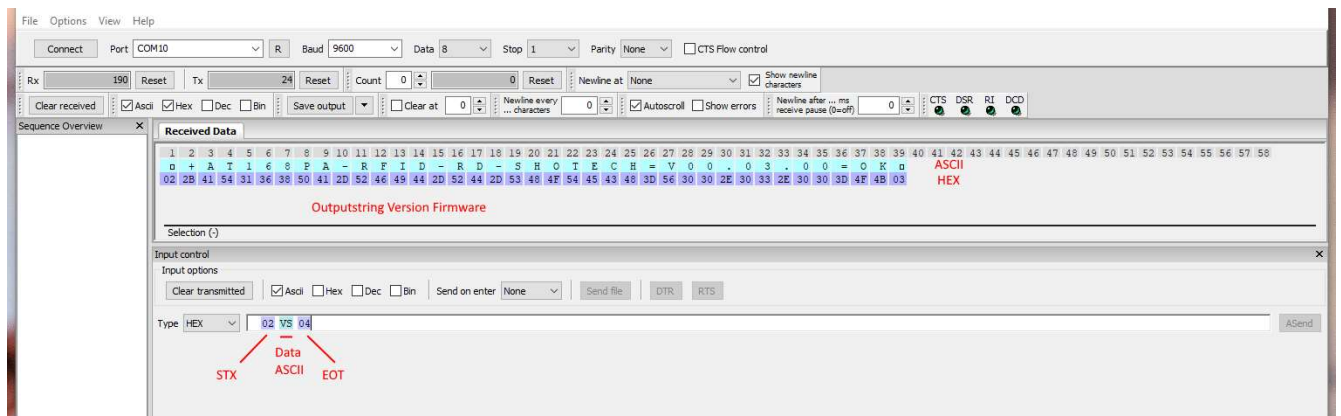
Each output string begins with 0x02 Hex (STX) and ends with 0x03 (ETX) Hex.

Output read RFID Tag:



Read Format: STX (0x02) , 12 Databytes ASCII , ETX (0x03)

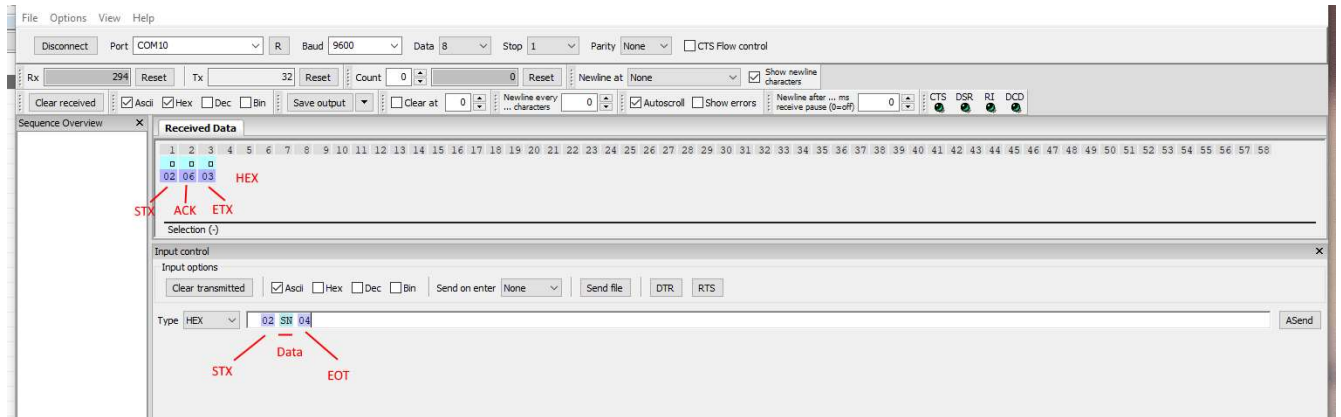
Read Softwareversion:



Command 0x02, VS, 0x04

response: (0x02)+AT168PA-RFID-RD-SHOTTECH=V00.03.00=OK(0x03)

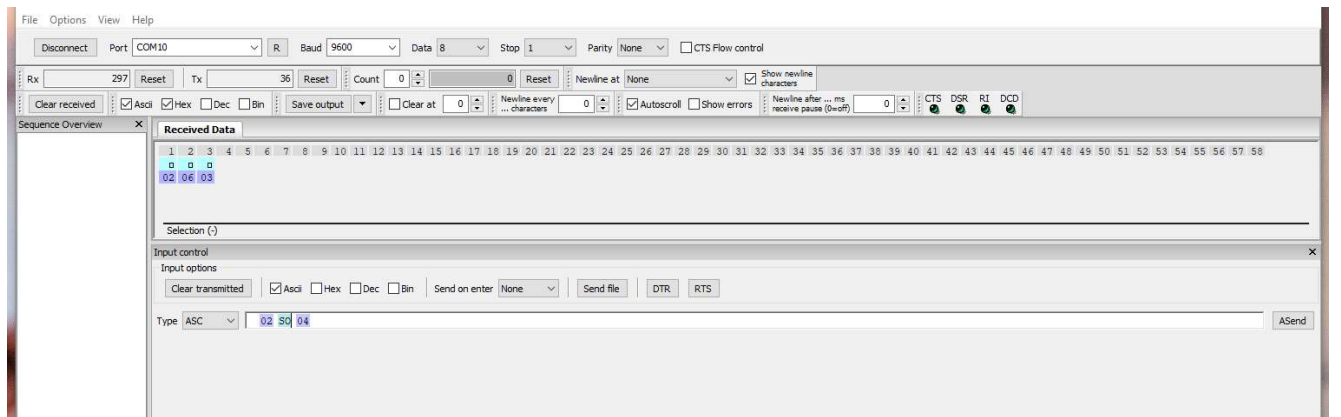
Sleep Mode ON, LED RED off, no read RFID:



Command: 0x02, SN, 0x04

Response: 0x02 0x06 0x03 (positiv response) = ACK

Sleep Mode OFF, LED RED on, read RFID:



Command: 0x02, SO, 0x04

Response: 0x02 0x06 0x03 (positiv response) = ACK

Baudrate Set 9600: (is stored in the EEPROM.)

Command: 0x02, B1, 0x04

Response: 0x02 0x06 0x03 (positiv response) = ACK

Baudrate Set 19200: (is stored in the EEPROM.)

Command: 0x02, B2, 0x04

Response: 0x02 0x06 0x03 (positiv response) = ACK

Baudrate Set 115200: (is stored in the EEPROM.)

Command: 0x02, B3, 0x04

Response: 0x02 0x06 0x03 (positiv response) = ACK

If the command is unknown, a negative answer is given as NACK.

Response: 0x02 0x25 0x03 (negativ response) = NACK