

Application: send wiegand 26 bit data to a wiegand controller from win10 pc

1. wiring

Remark: D0,D1,Ground, total 3 terminals must be connected



2. set WGTool mode : RS232 to WG

3. virtual com port driver download link as below

- for windows www.wch.cn/download/CH341SER_EXE.html
- for android www.wch.cn/download/CH341SER_ANDROID_ZIP.html
- for Linux www.wch.cn/download/CH341SER_LINUX_ZIP.html
- for MAC/iOS www.wch.cn/download/CH341SER_MAC_ZIP.html

4. com port setting: 9600,N,8,1 (baud rate 9600, No odd or even, 8 bit data and 1 bit stop)

5. sent wiegand 26 bit data as below format

Wiegand26: 05 1a 11 22 33 80 , 05 means 5 byte is sent, 1A is wiegand26 bit, data are 11 22 33, 80 is verification data,
1a+11+22+33=80 (all data are in HEX format)
example, if you want to send 36ecd1,
the data stream is: 05 1A 36 EC D1 0D (1A+36+EC+D1=20D, will take 1 byte data, it is 0D)