

1. UART(USB2UART chip CH343P) interface default configuration:

Data bit : 8 bits,

Parity bit : none,

Stop bit : 1 bit,

Baud rate : 3.05Mbps(3Mbps),

Data order : LSB first.

2. Frames structure:

Len_H(High byte) + Len_L(Low byte)+ Type + Data/Command(include para, n bytes) + Sum

Type: bit7- 0 Data; 1 Command

Sum: Lower byte of [Len_H + Len_L + Type + Data/Command]

3. The following description of the commands details:

1. GetFirmwareVersion - 01

Host: 00 01 80 01 82

Resp: 00 0A 80 02 54 32 30 32 35 30 33 31 35 72

2. GetHardwareVersion – 03

Host: 00 01 80 03 84

Resp: 00 11 80 04 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F 00 0D

3. GetAuthStatus – 05

Host: 00 01 80 05 86

Resp: 00 02 80 06 01 89(00-Unauthorized; 01-Authorized)

Note: If return 00, please email “GetHardwareVersion response data” to nfc_mcuer@hotmail.com

4. WriteAuth - 07

Host: Data from the email

Resp: 00 02 80 08 01 8B

Note: After executing this command, please power off the device and then power it on again.

5. StartRelay -11

Host: 00 01 80 11 92

Resp: 00 02 80 12 01 95

6. StopRelay -13

Host: 00 01 80 13 94

Resp: 00 02 80 14 01 97

4. Data transmission

PN532Killer automatically replies to the following commands: 26, 52, 93 20, 95 20, 93 70, 95 70.

Other commands will be transmitted via the UART.

For example:

HALT: 00 04 00 50 00 57 CD 78