

SYQR86N-H1

SYRIS HF RFID & QR Code Reader



Version 01.12

2022/03/10

I. Features & Specification

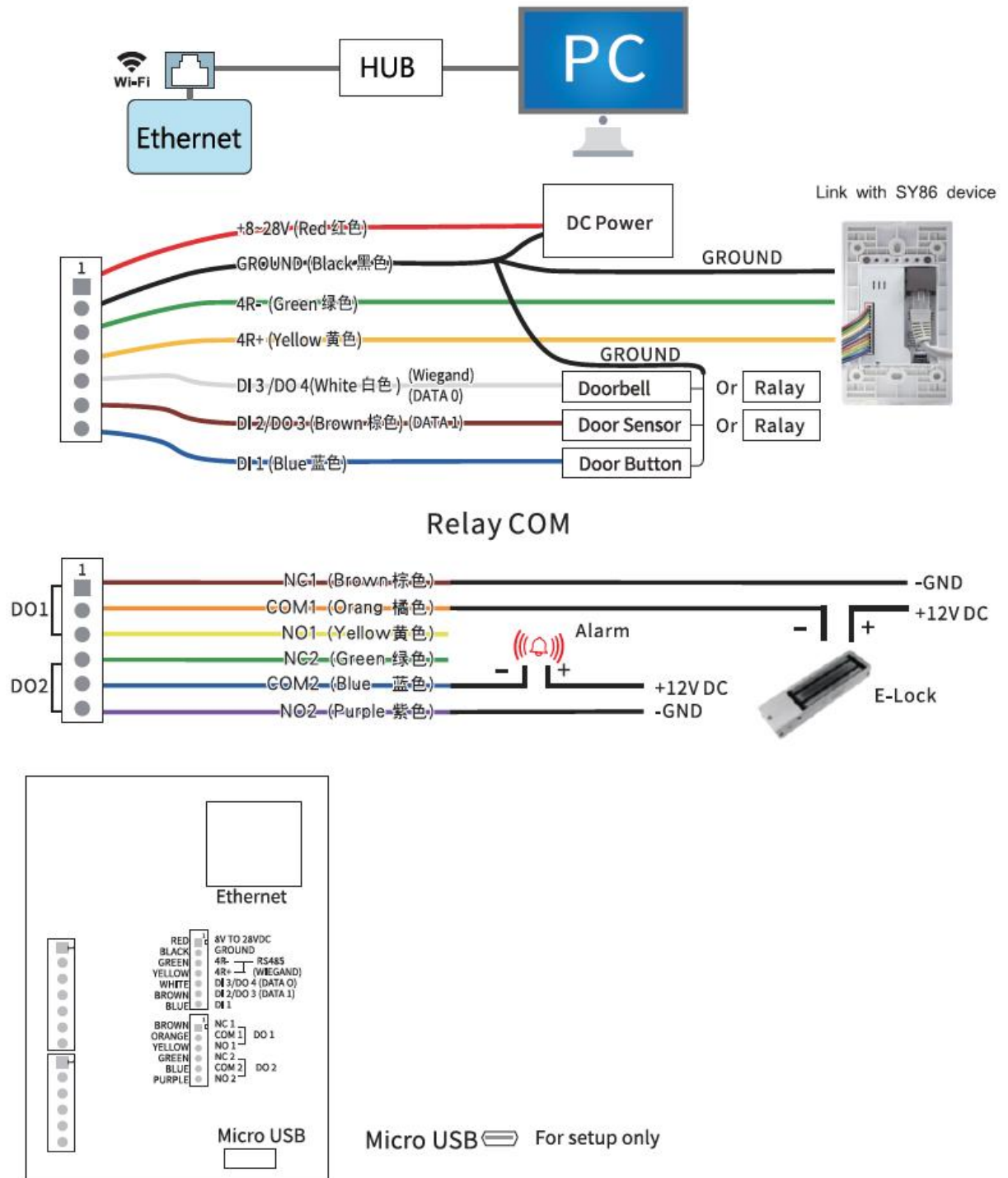
Feature:

- I Support QR code and RFID for door access control
- I Compatible to read multi-ISO format HF cards
- I Scanning QR code with smart phone or paper printing.
- I Provide multi-format QR code generator software
- I Create SYRIS security QR code with valid date and share it with the visitor for temporary access.

Specification:

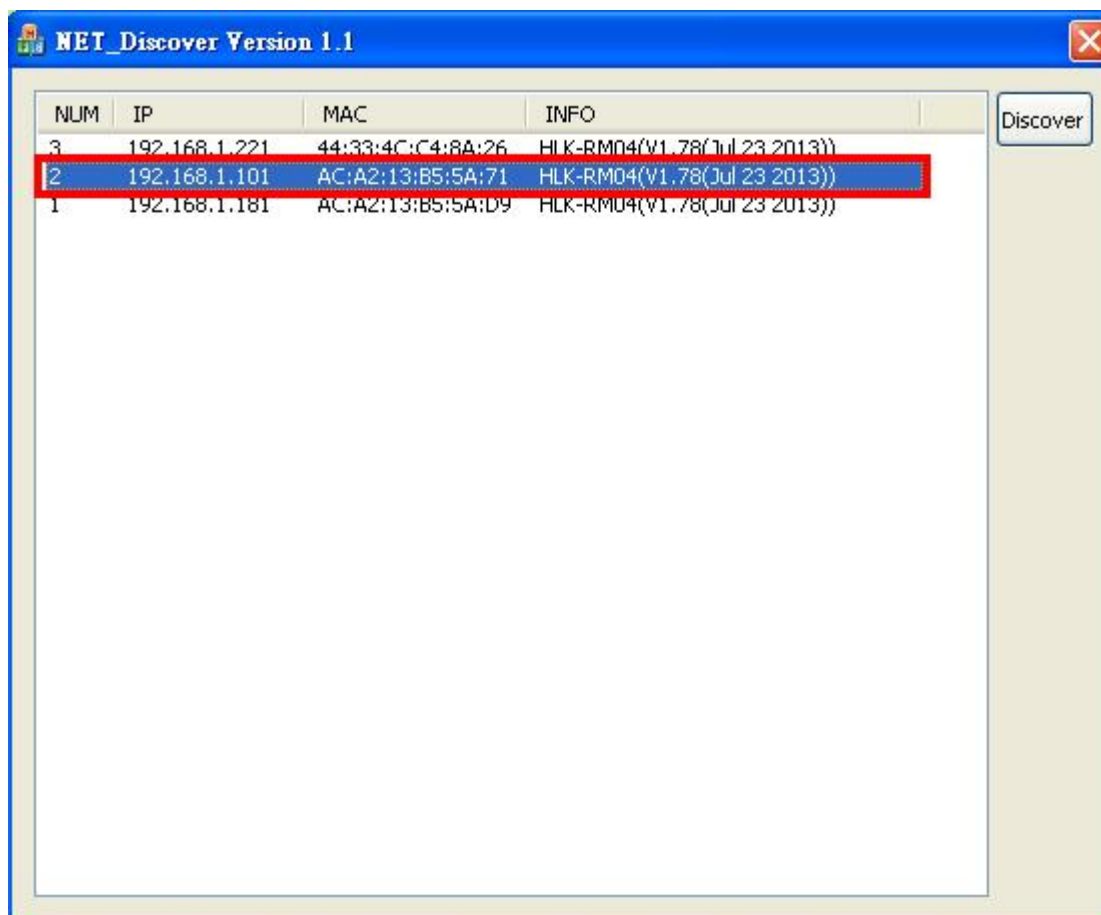
HF RFID Frequency	13.56 MHz (Multi-Format)
HF Read Range	1cm ~ 5cm
HF Card Types	ISO14443A/B, ISO15693, Mifare block, SYRIS CPU card
Read Card Time	0.1 sec
Code Scan Mode	640*480 CMOS
Read 2D Code Type	QR Code, Data Matrix, PDF417,maxicode,Aztec,hanxin
Read 1D Code Type	EAN, UPC, Code 39, Code 93, Code 128, UCC/EAN 128, Codabar, Interleaved 2 of 5, Standard 25 · MSI-Plessey GS1 Databar, Industrial 25, Matrix 2 of 5
Scanning angle	Intersection angle 360°, Elevation $\pm 55^\circ$, Deflection angle $\pm 55^\circ$
Viewing Angle	Inclination 60°, Elevation 46°
Number of Cards	10,000 (8 bytes UID)
Capacity of Records	100,000
Digital Input	Up to 3 (1 DI+2 no-voltage DI share the same port with Wiegand)
Digital Output	2 Relay output
Interface	RS485 / Wiegand / Ethernet / Wi-Fi
Ethernet	10M/100M Ethernet Port
Wi-Fi	802.11 b/g/n
Status Indicator	Tricolor LED(RGB) & Beeper
Operating Temperature	-10°C ~ 60°C
Environmental Light	0~100000 LUX
Power	8V~28V DC / 2W~6W
Size(mm)	86.0 (W) x 86.0 (H)x 41.6 (D)mm (No Wire Included)

II. Wiring Diagram



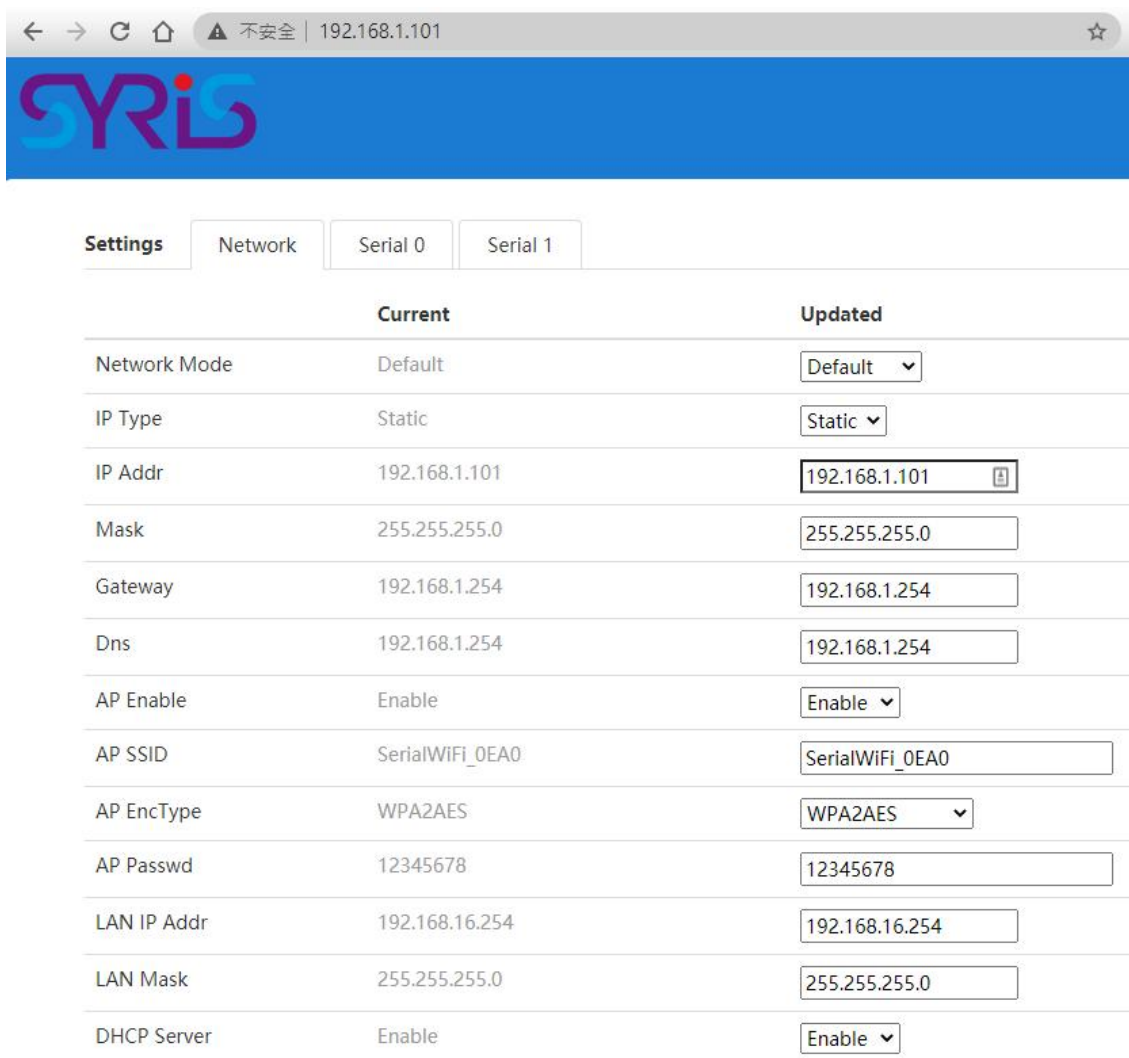
III. Network Parameter Setting

1. Execute "NET_Discover_V0110.exe" and press  to search SY86N series product.
2. Factory default IP is "192.168.1.101". User can check the MAC address from product sticker with IP to confirm the device.



3. Double click IP (192.168.1.101) to open the web configure page(<http://192.168.1.101>)

Default login ID / Password : admin / admin

	Current	Updated
Network Mode	Default	Default ▼
IP Type	Static	Static ▼
IP Addr	192.168.1.101	192.168.1.101 ⓘ
Mask	255.255.255.0	255.255.255.0
Gateway	192.168.1.254	192.168.1.254
Dns	192.168.1.254	192.168.1.254
AP Enable	Enable	Enable ▼
AP SSID	SerialWiFi_0EA0	SerialWiFi_0EA0
AP EncType	WPA2AES	WPA2AES ▼
AP Passwd	12345678	12345678
LAN IP Addr	192.168.16.254	192.168.16.254
LAN Mask	255.255.255.0	255.255.255.0
DHCP Server	Enable	Enable ▼

4. Default Net Mode is the same as the following. User can modify Net Mode and other parameters. If device cannot communicate properly after setting, user can reset NET module via Micro USB.

Settings		
	Network	Serial 0
		Serial 1
	Current	Updated
Baudrate	230400	230400
Data Width	8	8
Parity	NONE	NONE
Stop Bit	1	1
Flow Control	Disable	Disable
Socket Protocol Type	Tcp Server	Tcp Server
Locale Port	5001	5001
Packet Framing Lenth	1050	1050
Packet Framing Timeout	3	3
Packet Framing Interval	3	3
TCP Timeout	0	0
Reconnect Interval	200	200
TCP Keep Alive	1	1
TCP Max Connect	100	100
Without data Timeout	60	60

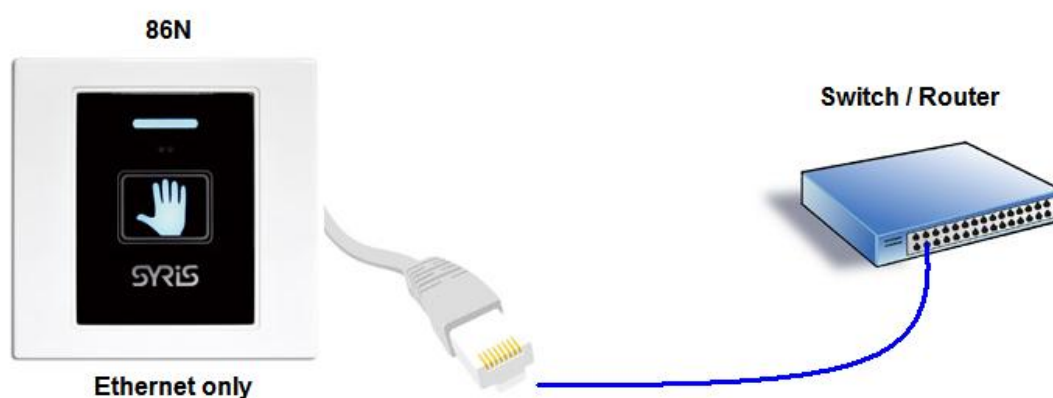
Communication Parameter	Factory Default
Serial Configure	230400,8,n,1
Serial Framing Length	1050
Locale/Remote Port Number	5001

IV. Network Mode Switch

86N series device support 4 network modes: Default 、ETH(Ethernet) 、Wi-Fi(STA)

Default	Ethernet (DHCP) +Wi-Fi AP mode
ETH	Ethernet only
WIFI(STA)	Wi-Fi client mode

1. **ETH** : Factory default is **ETH-SERIAL. (Standard TCP/IP Reader)**



When user modify the IP and click on Apply button, device will reboot and apply the setting after 30 seconds.

	Current	Updated
Network Mode	Default	ETH ▼
IP Type	Static	Static ▼
IP Addr	192.168.1.101	192.168.1.101 
Mask	255.255.255.0	255.255.255.0
Gateway	192.168.1.254	192.168.1.254
Dns	192.168.1.254	192.168.1.254

2. WIFI(STA) : 86N can be set to communicate via Wireless AP without Ethernet.



Settings
Network
Serial 0
Serial 1

	Current	Updated
Network Mode	Default	WIFI(STA) ▼
STA SSID	Delta-IoT	Delta-IoT Scan
STA EncType	Open	Open ▼
STA Passwd		
IP Type	Static	Static ▼
IP Addr	192.168.1.101	192.168.1.101 🔒
Mask	255.255.255.0	255.255.255.0
Gateway	192.168.1.254	192.168.1.254
Dns	192.168.1.254	192.168.1.254

S

STA SSID: Enter the SSID from AP you will connect to network.

Scan: User can scan AP in range of 86N and select one to connect. But user cannot scan the AP after changing default network mode (Ethernet only) to Wi-Fi (Client). 86N need to power off / on to enable the scan function.

STA EncType : Select Encrypt type for AP connection.

Password: Enter password for AP.

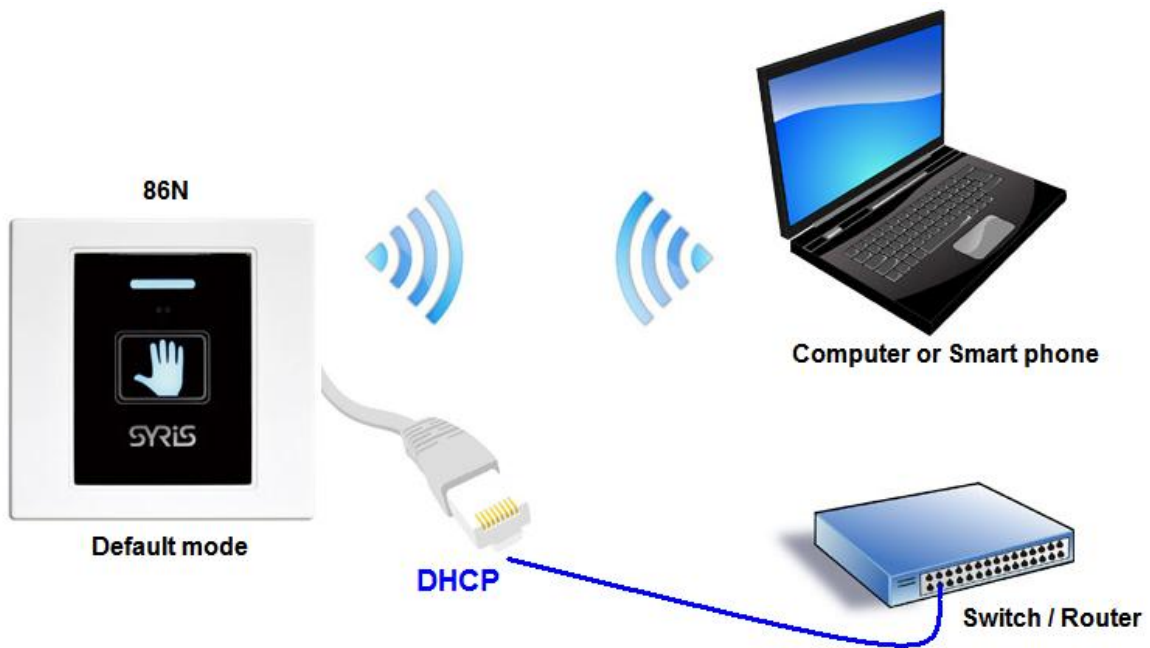
IP Type: DHCP is default mode. If user has to setup a static IP, please select Static.

PS: Wi-Fi MAC address is Ethernet MAC subtract 1.

Ex. Ethernet MAC : AC:A2:13:B5:5A:B5 · Wi-Fi MAC : AC:A2:13:B5:5A:B4

3. Default mode : Ethernet (DHCP) +Wi-Fi AP mode.

It's Dual-Mode (Ethernet and Wi-Fi AP · but Ethernet only support DHCP.)



Settings
Network
Serial 0
Serial 1

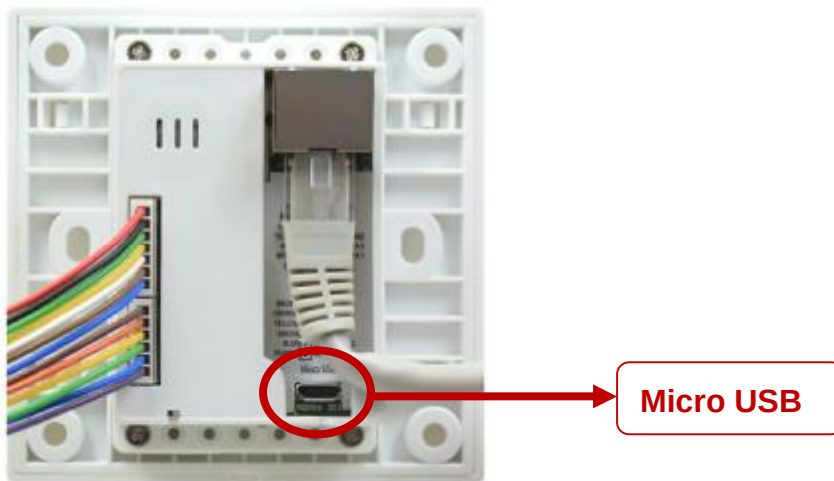
	Current	Updated
Network Mode	Default	Default ▾
IP Type	Static	Static ▾
IP Addr	192.168.1.101	192.168.1.101 
Mask	255.255.255.0	255.255.255.0
Gateway	192.168.1.254	192.168.1.254
Dns	192.168.1.254	192.168.1.254
AP Enable	Enable	Enable ▾
AP SSID	SerialWiFi_0EA0	SerialWiFi_0EA0
AP EncType	WPA2AES	WPA2AES ▾
AP Passwd	12345678	12345678
LAN IP Addr	192.168.16.254	192.168.16.254
LAN Mask	255.255.255.0	255.255.255.0
DHCP Server	Enable	Enable ▾

AP SSID: Setup 86N device's SSID.

AP Passwd: 86N device's Wi-Fi password. (Default is 12345678)

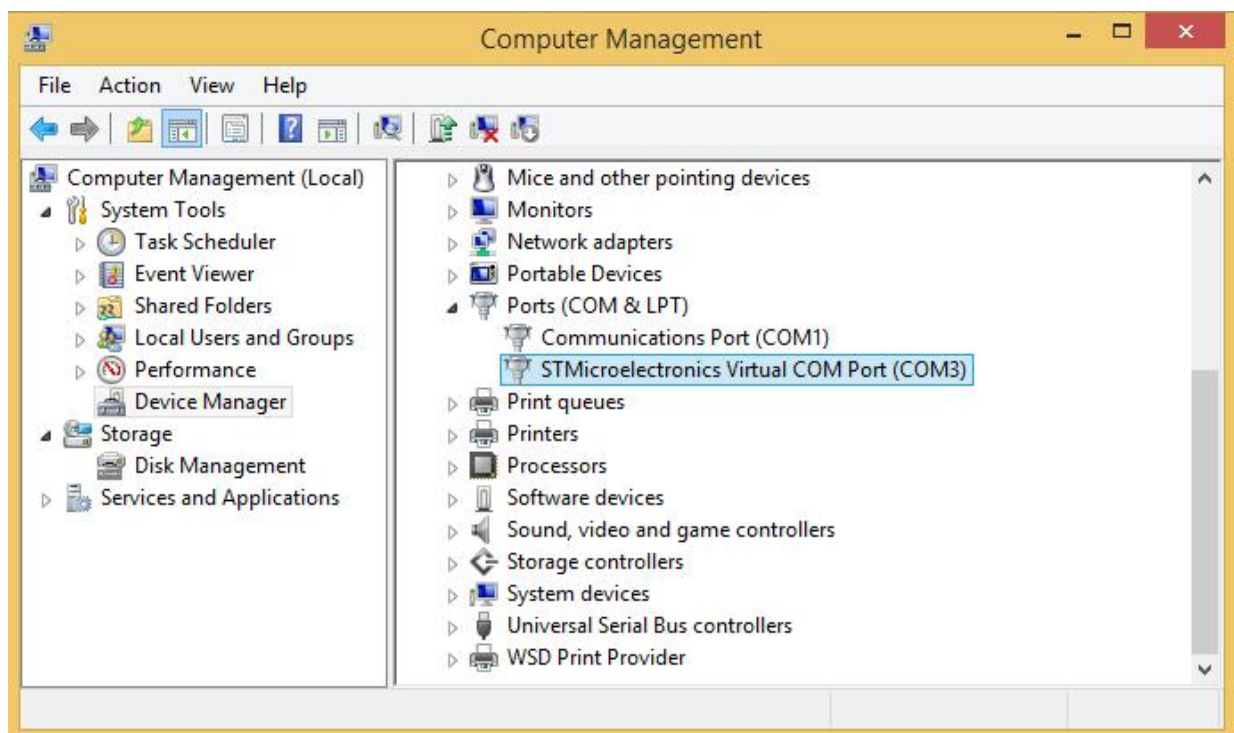
V. USB Connection

Configure parameters via Micro USB.

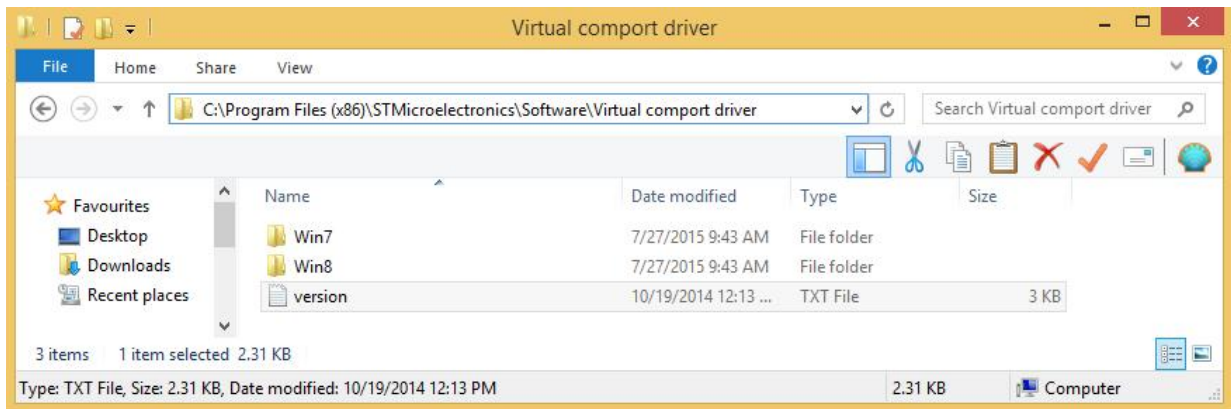


1. Install USB driver "**CDC_USB_Driver_VCP_V1.4.0_Setup.exe**"
2. System will generate a virtual COM port.

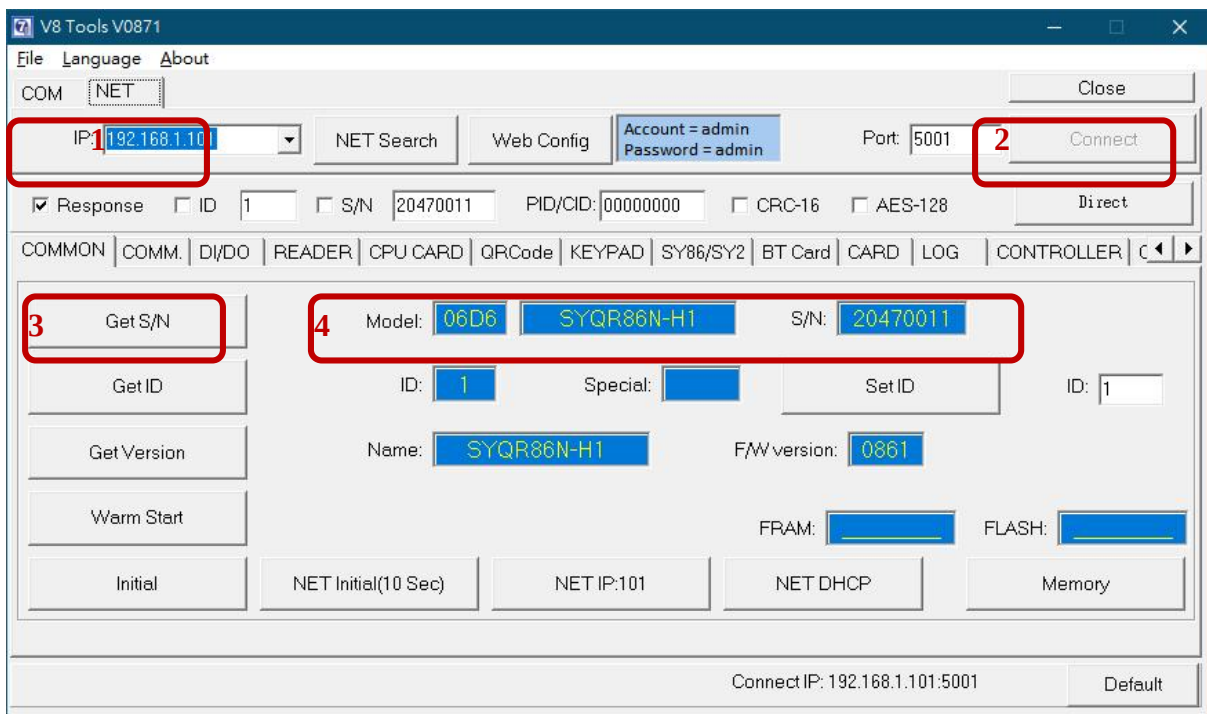
For example. Check port in device manager.(below picture is COM 3)



User also can update driver manually. The driver is saved in the folder that is same as following.

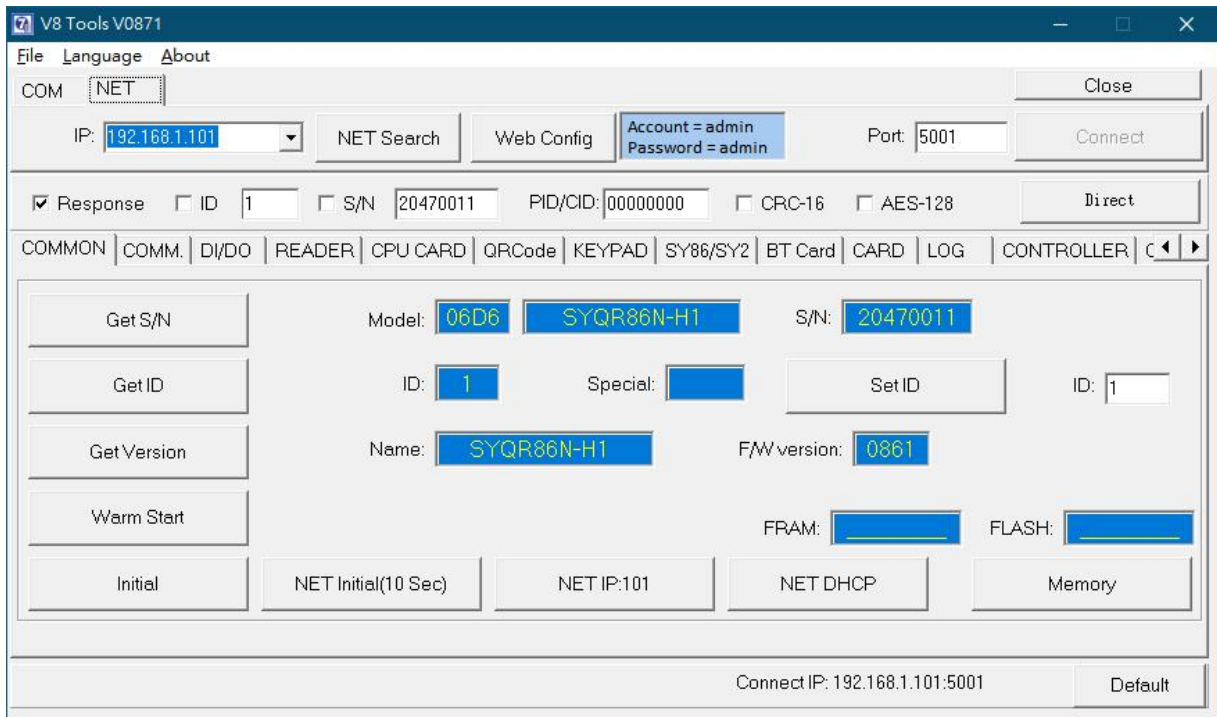


3. Get device Model information and serial number by using V8 Tools with correct COM port or Ethernet connection.



VI.V8 Tools Tool Parameter Setting

1. Basic:



The screenshot shows the 'V8 Tools V0871' software window. The 'Basic' tab is selected. The interface includes a menu bar (File, Language, About), a 'COM' dropdown set to 'NET', and a 'Close' button. Below this is a section for network configuration with an IP address field (192.168.1.101), a 'NET Search' button, a 'Web Config' button, a login section (Account: admin, Password: admin), a Port field (5001), and a 'Connect' button. A 'Direct' button is also present. A row of checkboxes includes 'Response' (checked), 'ID' (1), 'S/N' (20470011), 'PID/CID' (00000000), 'CRC-16', and 'AES-128'. A tabbed interface at the bottom shows 'COMMON' as the active tab, with other tabs like 'COMM.', 'DI/DO', 'READER', 'CPU CARD', 'QRCode', 'KEYPAD', 'SY86/SY2', 'BT Card', 'CARD', 'LOG', and 'CONTROLLER'. The main area contains several buttons on the left (Get S/N, Get ID, Get Version, Warm Start, Initial) and a central section for displaying and setting device parameters: Model (06D6, SYQR86N-H1), S/N (20470011), ID (1), Special, Set ID, Name (SYQR86N-H1), F/W version (0861), FRAM, and FLASH. At the bottom, there are buttons for 'NET Initial(10 Sec)', 'NET IP:101', 'NET DHCP', and 'Memory'. A status bar at the very bottom shows 'Connect IP: 192.168.1.101:5001' and a 'Default' button.

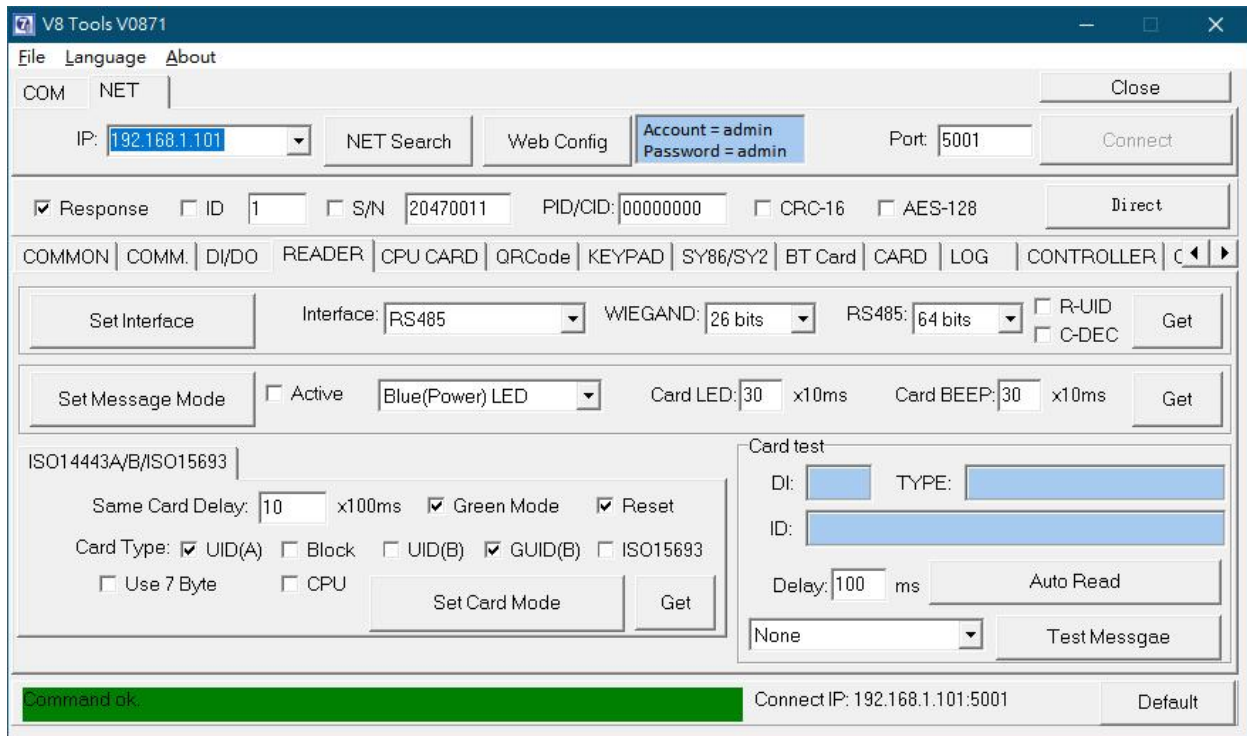
Basic: Get device serial number 、 device ID and firmware version

Warm Start: Reboot 86N

Initial: Restore 86N to factory default (It is NOT including network setting).

NET Initial (6 sec): Restore network parameter of 86N to Default mode.

2. Reader



Set Interface: Setup reader's communication interface. Default is "RS485".

Set Message Mode: Click on the option active to enable message mode setting. User can setup 86N message display on panel.

Card LED: Time for read card LED ON, default is 30 x 10ms

Card Beep: Time for read card beep on, default is 30 x 10ms

ISO14443A/B/ISO15693 :

Same Card Delay: Setup time gap for reading the same card, default is 10 x100ms (1 second)

Green Mode: Slow down the card read speed to power saving.

Reset: Reset RF IC after read card.

Card Type: Choose card type to enable 86N read specific card.

UID(A): Read ISO14443A Card UID.

Block: Read Block data (Must disable other card type).

UID(B): Read ISO14443B Card UID.

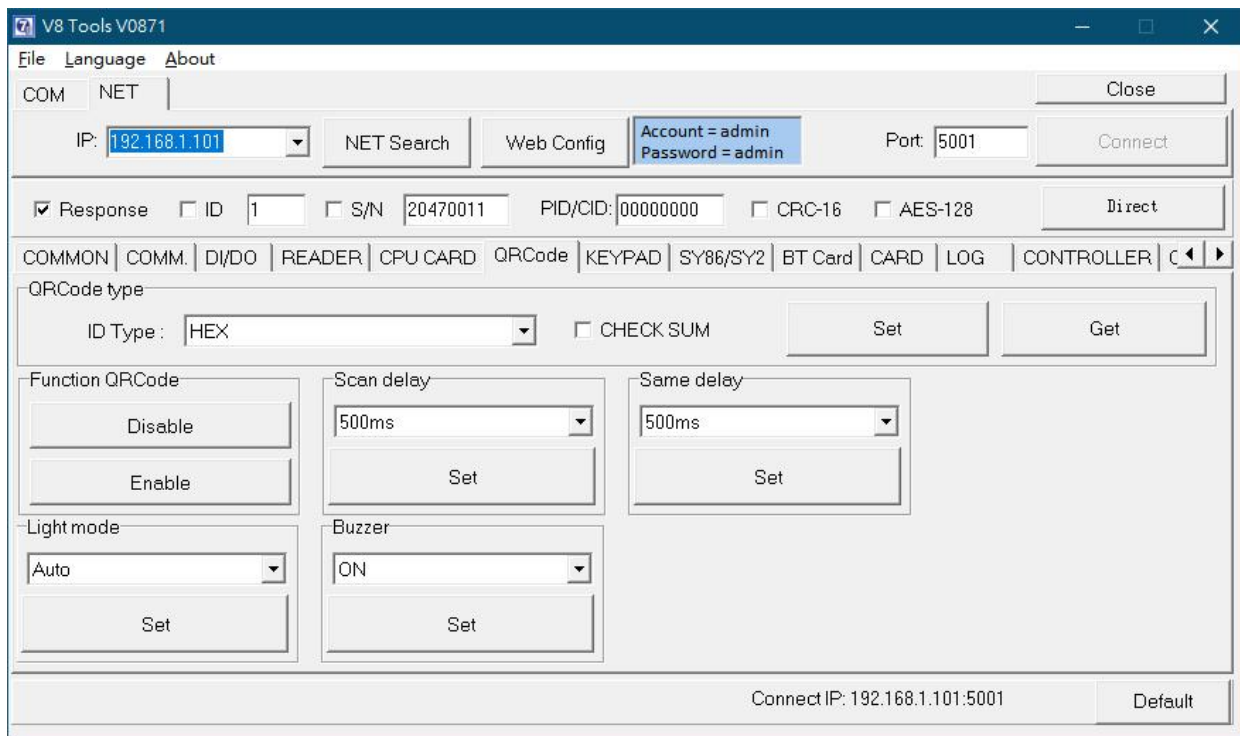
GUID(B): Read the China second generation of resident identification card.

ISO15693: Read ISO15693 Card UID

7 byte: Read 7byte format Card UID

Card Test: Test the reader function.

3. QR code



The screenshot shows the 'V8 Tools V0871' software interface. The 'NET' tab is selected. The IP address is set to 192.168.1.101, and the port is 5001. The account is 'admin' and the password is 'admin'. The 'Response' checkbox is checked. The 'ID' is set to 1, 'S/N' is 20470011, and 'PID/CID' is 00000000. The 'CRC-16' and 'AES-128' checkboxes are unchecked. The 'Direct' button is visible. The 'QRCode' tab is selected in the bottom menu. The 'QRCode type' section shows 'ID Type' set to 'HEX' and 'CHECK SUM' unchecked. The 'Function QRCode' section has 'Disable' and 'Enable' buttons. The 'Scan delay' and 'Same delay' are both set to 500ms. The 'Light mode' is set to 'Auto'. The 'Buzzer' is set to 'ON'. The 'Connect IP' field at the bottom shows 192.168.1.101:5001, and there is a 'Default' button.

Setup reader's QR code scan format and parameters

ID Type is setup QR code output format.

This option is depends on QR code generator. (Default is DEC without CHECK SUM.)

DEC (0~9)

UID = 0000000012345678

QRcode = 0000000012345678

Reader access UID = 000000000BC614E (DEC to HEX)

DEC+Checksum (0~9)

UID = 0000000012345678

QRcode = 00000000123456786, CheckSum (6) = 1+2+3+4+5+6+7+8 = 36(Single digit)

Reader access UID = 000000000BC614E

HEX (0~F)

UID = AB00000012345678

QRcode = AB00000012345678

Reader access UID = AB00000012345678

HEX+Checksum (0~F)

UID = AB00000012345678

QRcode = AB000000123456789, CheckSum (9) =A+B+1+2+3+4+5+6+7+8 =39(Single digit)

Reader access UID = AB00000012345678

Function QRcode: Default is disable. Enable this function will allow configure some function from QR code.

Scan delay: QR code scan time.

Same delay: QR code's same card time.

Light mode: QR code module's light when detected moving.

Buzzer: QR code module's buzzer.

ID Type "SID"/ "SID date" are use for "SYRIS security QR code".

QRCode type

ID Type : SID Date ☐ CHECK SUM Set Get

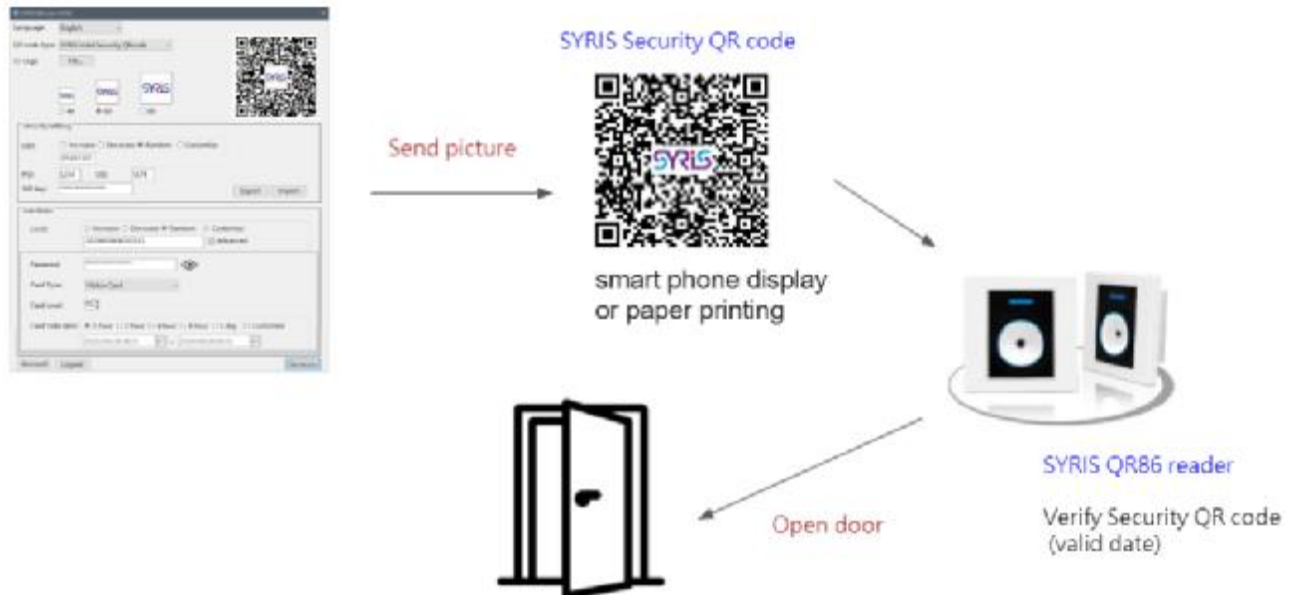
The QR code type of the QR code generator software should be set to be the same as the ID type of QR86.

QR86 ID type	SYRIS QR Code software
HEX	HEX
HEX + CHECK SUM	HEX + check
DEC	DEC
DEC + CHECK SUM	DEC + check
SID	SYRIS Security QR code
SID date	SYRIS Valid Security QR code
SID Access	SYRIS Valid Security QR code with 128 door groups

Note. SID Access was support since V.08.63

VII. SYRIS security QR code

QR code generator software



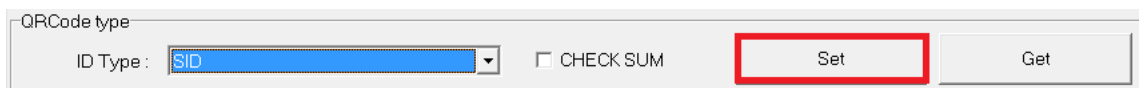
I SYRIS security QR code:

SYQR86 reader will verify the SID key and PID/CID of security QR code.

Verify OK → Transmit correct UID to controller/network.

Verify Error → Reject message (Red LED and warning beep)

1. Setup SYQR86's ID type to SID



QRCode type

ID Type: SID ☐ CHECK SUM Set Get

2. Setup Correct SID key, APP ID and key No. in "CPU CARD" tab



COMMON | COMM. | DI/DO | READER | CPU CARD | QRCode | KEYPAD | SY86/SY2 | BT Card | CARD | LOG | CONTROLLER | c | ▶

CPU CARD KEY/SID

App Key: FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF App ID: 2207 File ID: 5001 Write

SID Key: A1995BCD4582E088 Key NO: 1

3. Execute "SYRIS QrCode.exe" generator software and input security data.
(SYRIS QRCode V0107_Example\SYRIS QRCode\bin\Debug\SYRIS QRCode.exe)



Card number: Customize UID for QR code.

Display name: Customize name (option)

APP ID: Security parameter, need setup the same with SYQR86.

Key No.: Security parameter, need setup the same with SYQR86.

SID key: Security parameter, need setup the same with SYQR86.

PID/CID: Product' ID, please get this ID on the SYQR86 sticker. (ex. **4400 5001**)

4. Click "Generate" to generate security QR code and send to mobile or paper print to read.

SYRIS QRcode V01.07

Language: English

QR Code

QR code type: SYRIS Security QRcode

parameter card number: 00000C0000001234

display name: test

App ID: 2207 Key NO.: 0001 EID Key: 000000000000

PID: 4400 CID: SC01

Logo file

☐ 40 ☒ 60 ☐ 80 ☐ 120

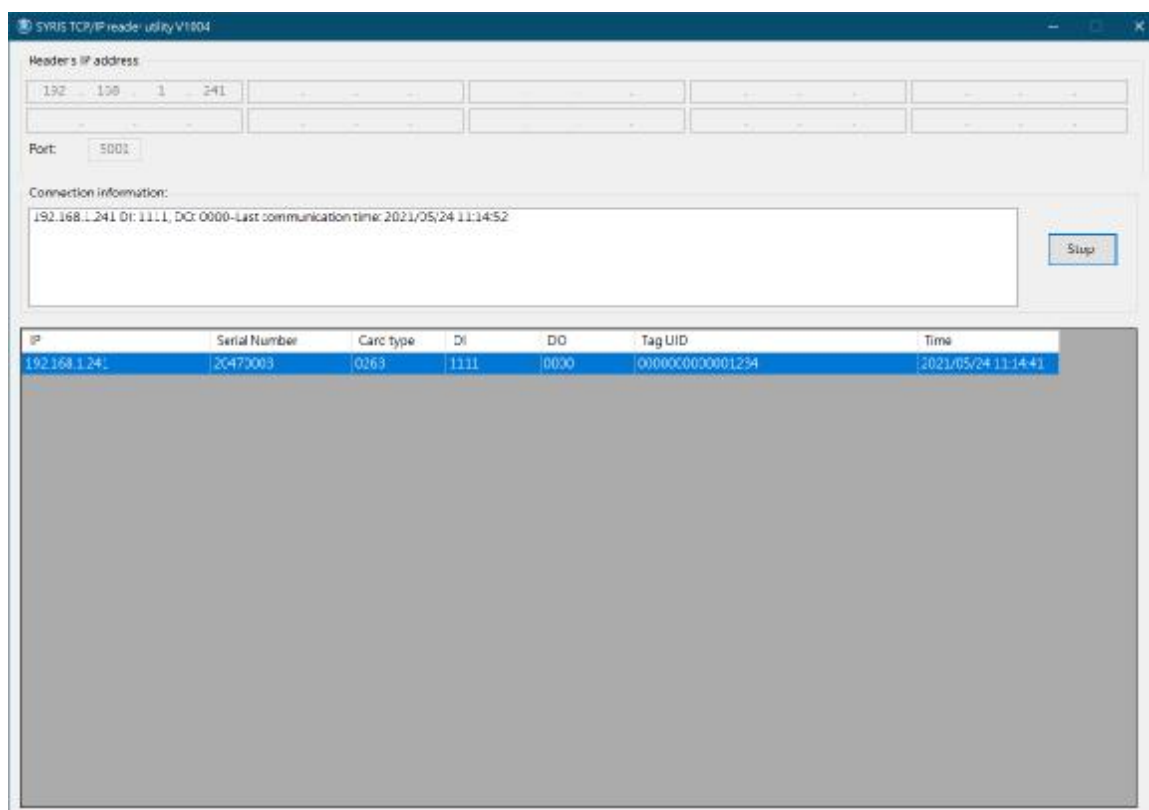


test

Generate

5. Execute "SYRIS TCP reader utility" to connect reader and start to read.

(This software only work with "[auto send reader mode](#)".)



Read log will auto save in software's folder.

	20210114.csv	2021/1/14 15:42
	20210114_RawData.log	2021/1/14 15:48
	IPAddressControlLib.dll	2017/1/18 13:38
	NET_Discover_V0110.exe	2015/6/25 15:50
	SYRIS TCP reader utility.exe	2021/1/13 09:53

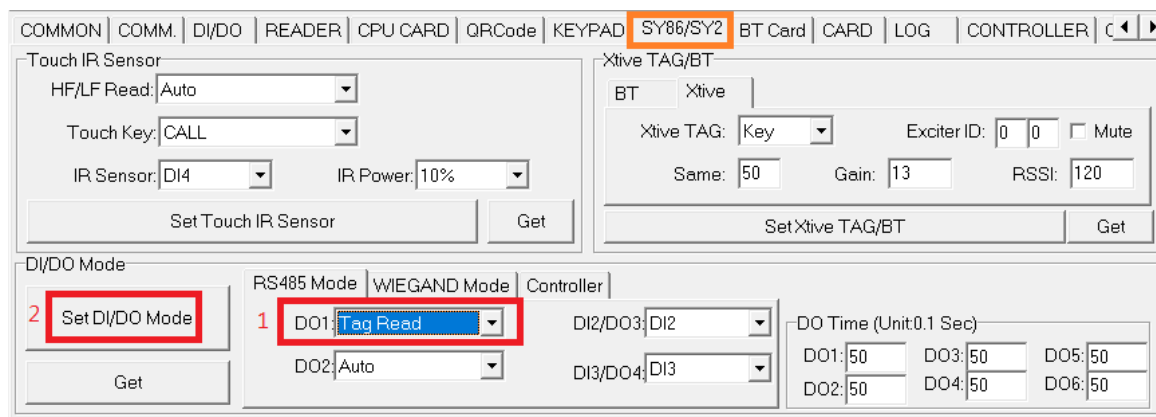
```

192.168.1.227,19250001,0241,974010222202021F,2021/01/14 15:41:11
192.168.1.227,19250001,0241,974010222202021F,2021/01/14 15:41:11
192.168.1.227,19250001,0241,974010222202021F,2021/01/14 15:41:12
192.168.1.227,19250001,0241,974010222202021F,2021/01/14 15:41:12
192.168.1.227,19250001,0241,974010222202021F,2021/01/14 15:41:13
192.168.1.227,19250001,0241,974010222202021F,2021/01/14 15:41:14
192.168.1.227,19250001,0241,974010222202021F,2021/01/14 15:41:14
192.168.1.227,19250001,0241,974010222202021F,2021/01/14 15:41:15
192.168.1.227,19250001,0241,974010222202021F,2021/01/14 15:41:15
192.168.1.227,19250001,0241,974010222202021F,2021/01/14 15:41:16
192.168.1.227,19250001,0241,974010222202021F,2021/01/14 15:41:17
192.168.1.227,19250001,0241,974010222202021F,2021/01/14 15:41:18
192.168.1.227,19250001,0241,974010222202021F,2021/01/14 15:41:18
192.168.1.227,19250001,0241,974010222202021F,2021/01/14 15:41:19
192.168.1.227,19250001,0241,974010222202021F,2021/01/14 15:41:19
192.168.1.238,19050134,0101,00000000001228853,2021/01/14 15:41:53
192.168.1.238,19050134,0241,0000000000001113,2021/01/14 15:42:03
192.168.1.238,19050134,0241,0000000000001113,2021/01/14 15:42:05
192.168.1.238,19050134,0241,0000000000001113,2021/01/14 15:42:11
192.168.1.227,19250001,0201,0000000068774346,2021/01/14 15:42:49

```

6. SYQR86 only read security QR code format.

If you need trigger relay to access when read security QR code, please setup DO in "SY86/SY2" tab as below picture.



COMMON | COMM. | DI/DO | READER | CPU CARD | QRCode | KEYPAD | **SY86/SY2** | BT Card | CARD | LOG | CONTROLLER | C | ▶

Touch IR Sensor:
 HF/LF Read: Auto
 Touch Key: CALL
 IR Sensor: DI4 IR Power: 10%
 Set Touch IR Sensor Get

Xtivity TAG/BT
 BT Xtivity
 Xtivity TAG: Key Exciter ID: 0 0 Mute
 Same: 50 Gain: 13 RSSI: 120
 Set Xtivity TAG/BT Get

DI/DO Mode
 2 Set DI/DO Mode
 Get

RS485 Mode WIEGAND Mode Controller
 1 DO1: Tag Read DO2: Auto
 DI2/DO3: DI2 DI3/DO4: DI3

DO Time (Unit: 0.1 Sec)
 DO1: 50 DO3: 50 DO5: 50
 DO2: 50 DO4: 50 DO6: 50

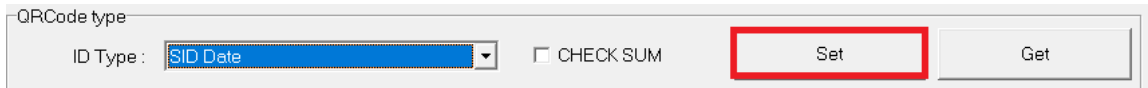
I SYRIS valid security QR code:

SYQR86 reader will verify the SID key, PID/CID and valid time of security QR code.

Verify OK → Transmit correct UID to controller/network.

Verify Error → Reject message (Red LED and warning beep)

1. Setup SYQR86's ID type to SID Date.

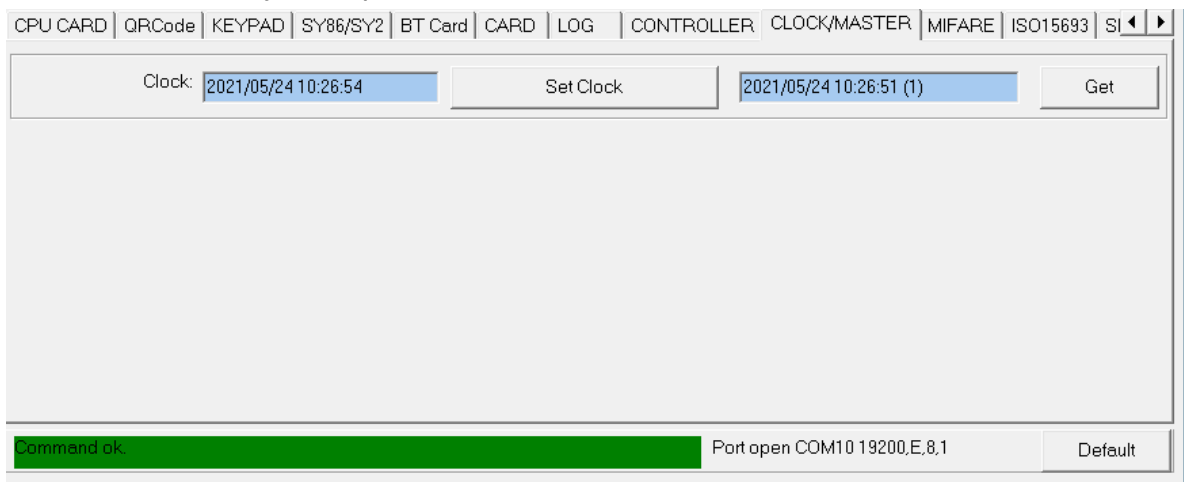


QRCode type

ID Type: SID Date ☐ CHECK SUM Set Get

2. Set correct time to SYQR86 and get current time to verify in "CLOCK/MASTER" tab.

Click "Set Clock" will sync computer's time to reader.

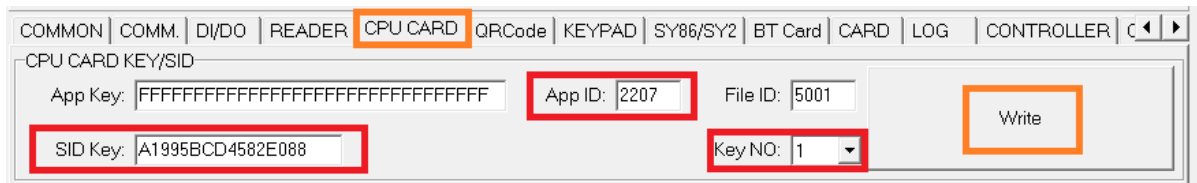


CPU CARD | QRCode | KEYPAD | SY86/SY2 | BT Card | CARD | LOG | CONTROLLER | **CLOCK/MASTER** | MIFARE | ISO15693 | SI

Clock: 2021/05/24 10:26:54 Set Clock 2021/05/24 10:26:51 (1) Get

Command ok Port open COM10 19200,E,8,1 Default

3. Setup Correct **SID key**, **APP ID** and **key No.** in "CPU CARD" tab



COMMON | COMM. | DI/DO | READER | **CPU CARD** | QRCode | KEYPAD | SY86/SY2 | BT Card | CARD | LOG | CONTROLLER | c

CPU CARD KEY/SID

App Key: FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF App ID: 2207 File ID: 5001 Write

SID Key: A1995BCD4582E088 Key NO: 1

4. Execute "SYRIS QrCode.exe" generator software and input security data.



QR code type: SYRIS Valid Security QRcode

parameter

card number: 00000000007865A

display name: limit test

App ID: 2201 Key NO.: 0001 SID Key: *****

PID: 4400 CID: 5001

card validity period: ☐ 1 hr ☐ 2 hr ☒ 4 hr ☐ 8 hr ☐ 1 day ☐ custom

2021/05/24 11:49 ~ 2021/05/24 15:49

Password: *****

card type: Visitor Card card level: 01

Card number: Customize UID for QR code.

Display name: Customize name (option)

APP ID: Security parameter, need setup the same with SYQR86.

Key No.: Security parameter, need setup the same with SYQR86.

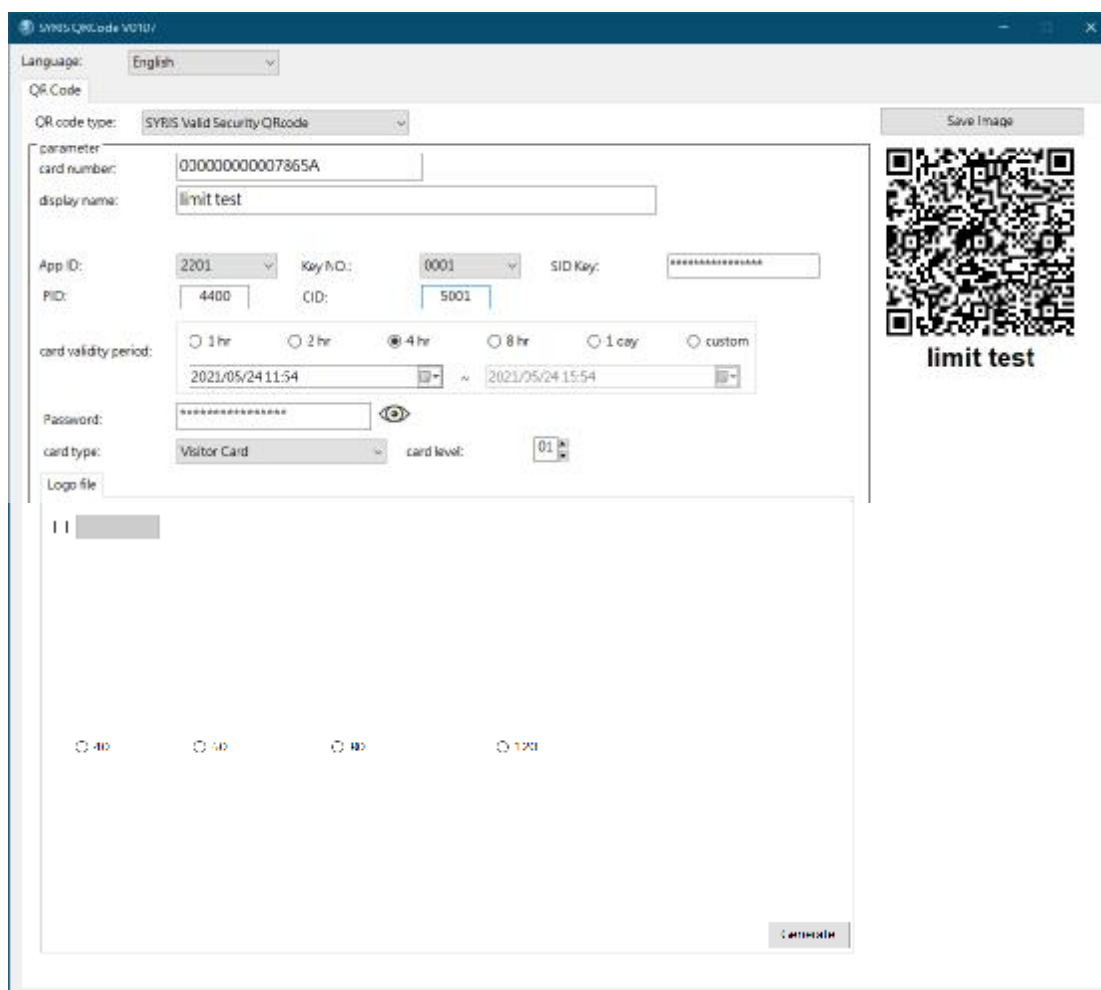
SID key: Security parameter, need setup the same with SYQR86.

PID/CID: Product' ID, please get this ID on the SYQR86 sticker. (ex. **4400 5001**)

Card validity period: Set this QR code's valid time.

Password, card type and card level are used for access control system. (option)

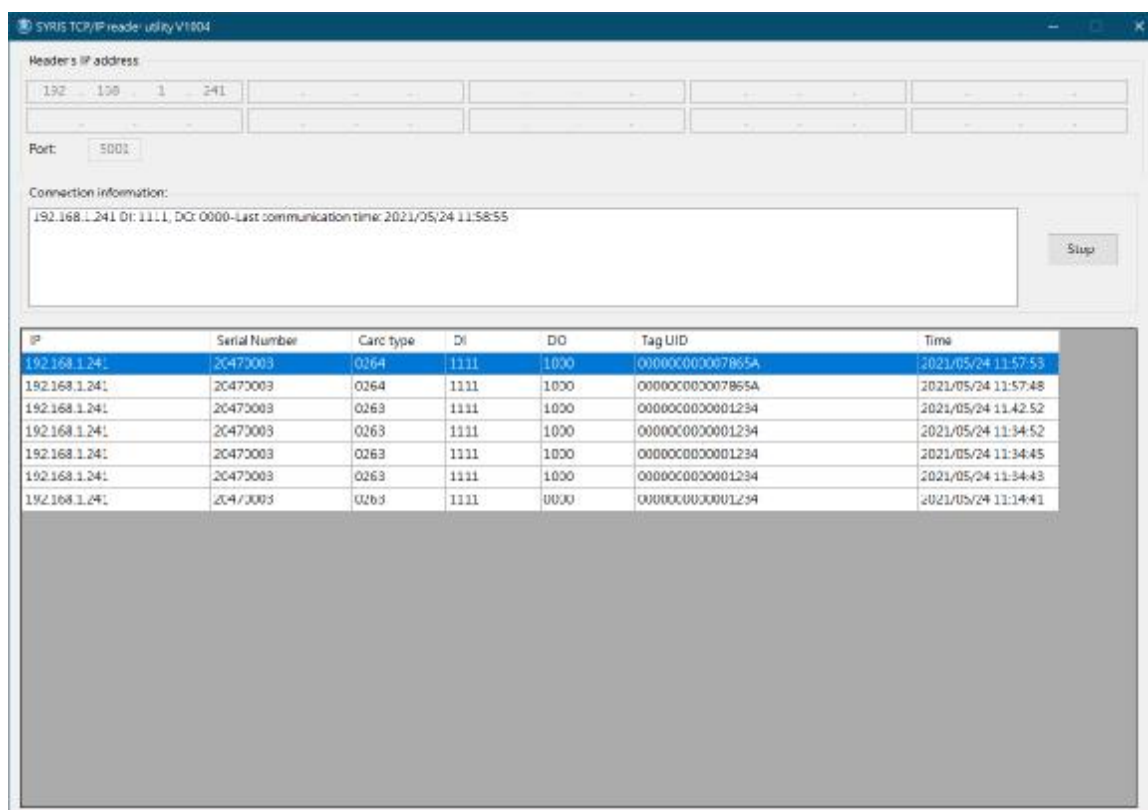
5. Click "Generate" to generate security QR code and send to mobile or paper print to read.



The screenshot displays the SYRIS QR Code V0101 application window. The interface is in English. The 'QR Code' tab is active, showing the 'QR code type' set to 'SYRIS Valid Security QRcode'. The 'parameter' section includes a 'card number' field with the value '00000000007865A' and a 'display name' field with the value 'limit test'. The 'App ID' is set to '2201', 'Key ID' to '0001', and 'SID Key' to a masked field. The 'PID' is '4400' and 'CID' is '5001'. The 'card validity period' is set to '4 hr' with a date range from '2021/05/24 11:54' to '2021/05/24 15:54'. The 'Password' field is masked with asterisks. The 'card type' is 'Visitor Card' and 'card level' is '01'. A 'Logo file' field is present but empty. On the right, a 'Save Image' button is visible above a generated QR code. Below the QR code, the text 'limit test' is displayed. At the bottom of the main form area, there are four radio buttons labeled '10', '10', '10', and '1201', with the last one being selected. A 'Generate' button is located at the bottom right of the form area.

6. Execute "SYRIS TCP reader utility" to connect reader and start to read.

(This software only work with [auto send reader mode.](#))



7. SYQR86 only read security QR code format and verify valid time.

Card type:

0101	EM tag UID	0211	Desfire tag UID
0201	Mifare tag UID	0261	QR code (DEC)
0202	Mifare block data	0262	QR code (HEX)
0203	ISO 14443B tag UID	0263	QR code (SID)
0204	ISO15693 tag UID	0264	QR code (SID date)
0241	UHF tag UID		

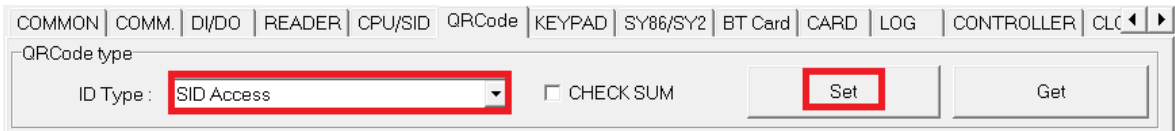
I SYRIS Valid Security QR code with 128 door groups:

SYQR86 reader will verify door group, SID key, PID/CID and valid time of security QR code.

Verify OK → Transmit correct UID to controller/network.

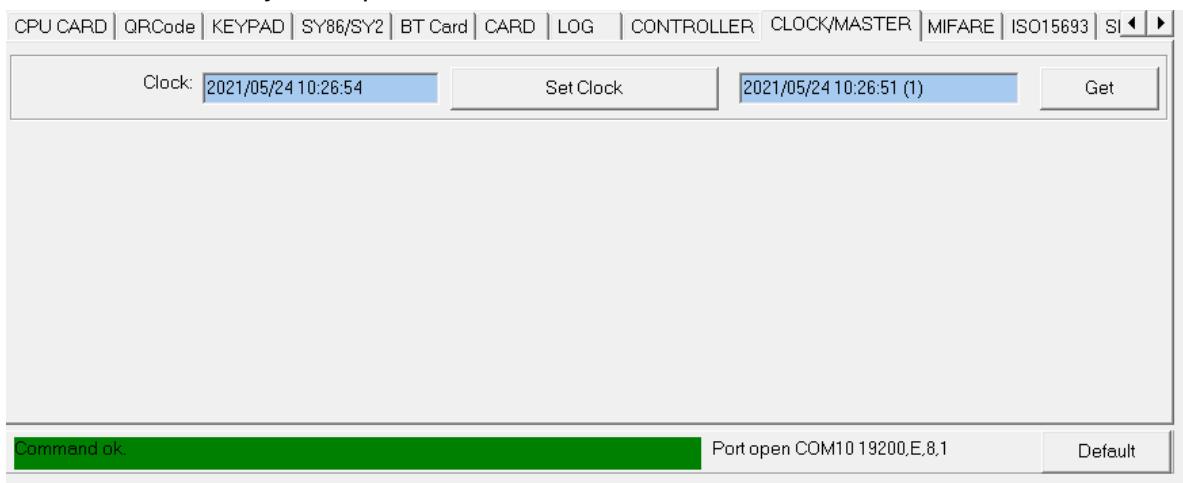
Verify Error → Reject message (Red LED and warning beep)

1. Setup SYQR86's ID type to SID Access.



2. Set correct time to SYQR86 and get current time to verify in "CLOCK/MASTER" tab.

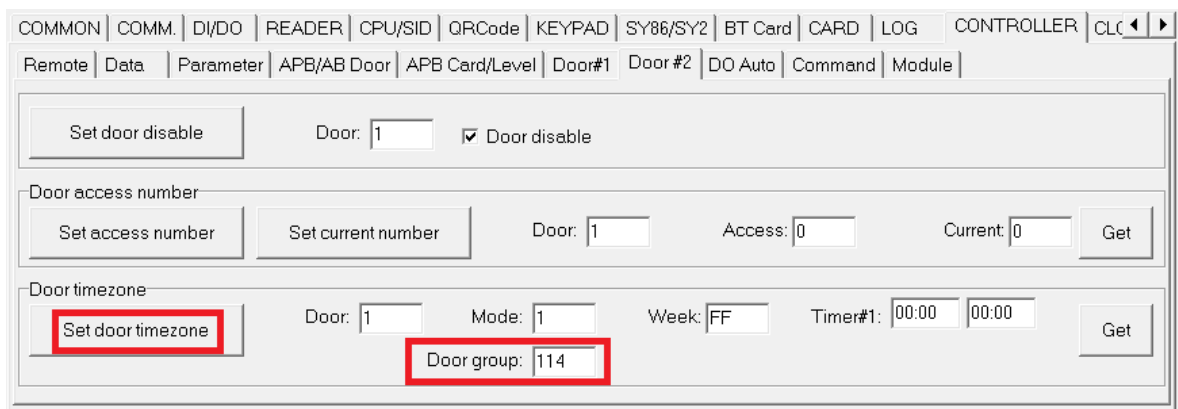
Click "Set Clock" will sync computer's time to reader.



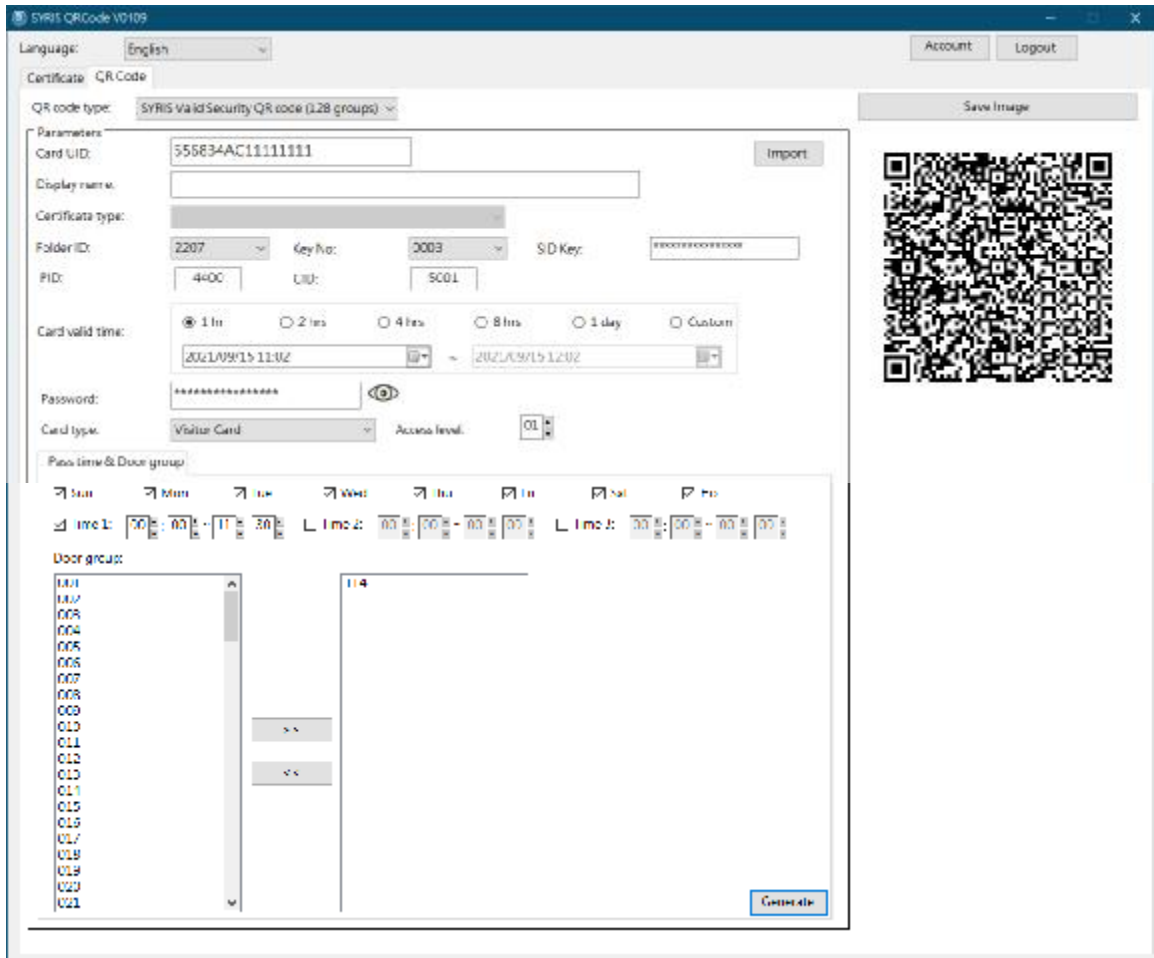
3. Setup Correct **SID key**, **APP ID** and **key No.** in "CPU CARD" tab



4. Set reader's door group number. (No.1~No.128)



5. Execute "SYRIS QrCode.exe" generator software and input security data.



Card UID: Customize UID for QR code.

Display name: Customize name (option)

Folder ID: Security parameter, need setup the same with SYQR86.

Key No.: Security parameter, need setup the same with SYQR86.

SID key: Security parameter, need setup the same with SYQR86.

PID/CID: Product' ID, please get this ID on the SYQR86 sticker. (ex. **4400 5001**)

Card validity period: Set this QR code's valid time.

Password, card type and card level are used for access control system. (option)

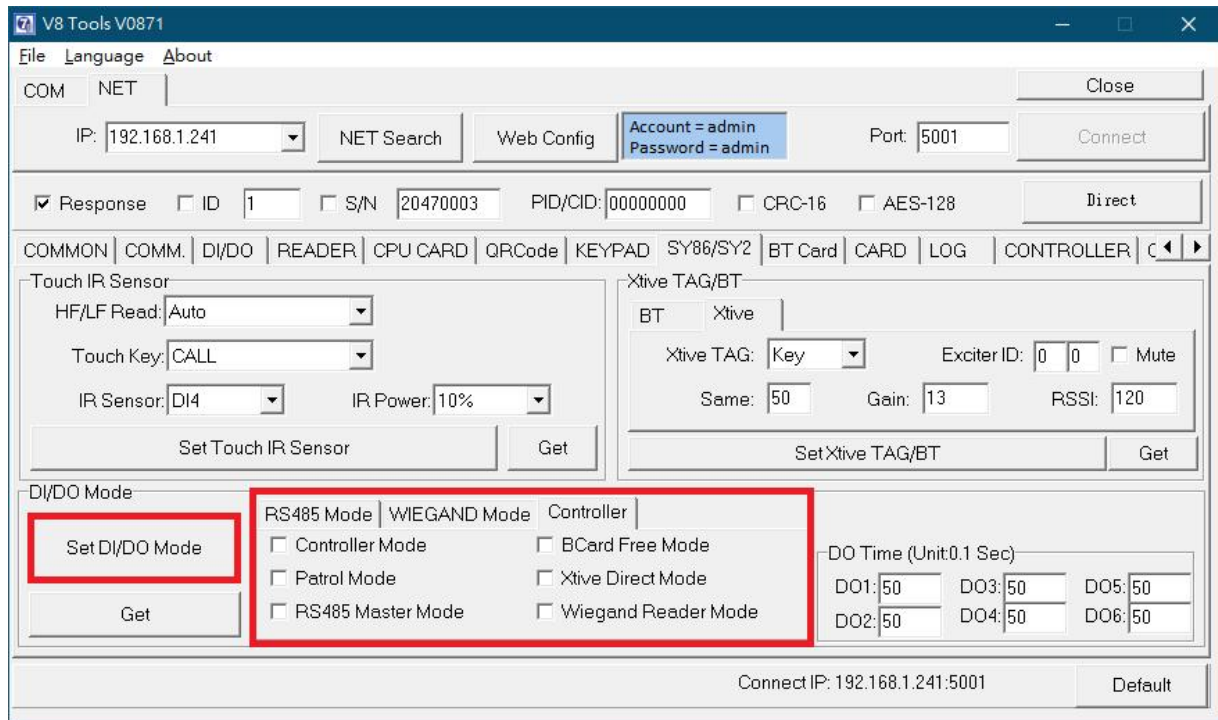
Pass time and door group:

Pass time: Select valid pass time for QR code

Door group: Select door group to pass for QR code.

Auto send reader mode

1. Un- Select "Controller Mode" and then click "Set DI/DO Mode" to disable controller mode.



V8 Tools V0871

File Language About

COM NET

IP: 192.168.1.241 NET Search Web Config Account = admin Password = admin Port: 5001 Connect

☒ Response ☐ ID 1 ☐ S/N 20470003 PID/CID: 00000000 ☐ CRC-16 ☐ AES-128 Direct

COMMON COMM DI/DO READER CPU CARD QRCode KEYPAD SY86/SY2 BT Card CARD LOG CONTROLLER

Touch IR Sensor: HF/LF Read: Auto Touch Key: CALL IR Sensor: DI4 IR Power: 10% Set Touch IR Sensor Get

Xtivity TAG/BT: BT Xtivity Xtivity TAG: Key Exciter ID: 0 0 Mute Same: 50 Gain: 13 RSSI: 120 Set Xtivity TAG/BT Get

DI/DO Mode: RS485 Mode WIEGAND Mode Controller

Set DI/DO Mode Get

☐ Controller Mode ☐ BCard Free Mode

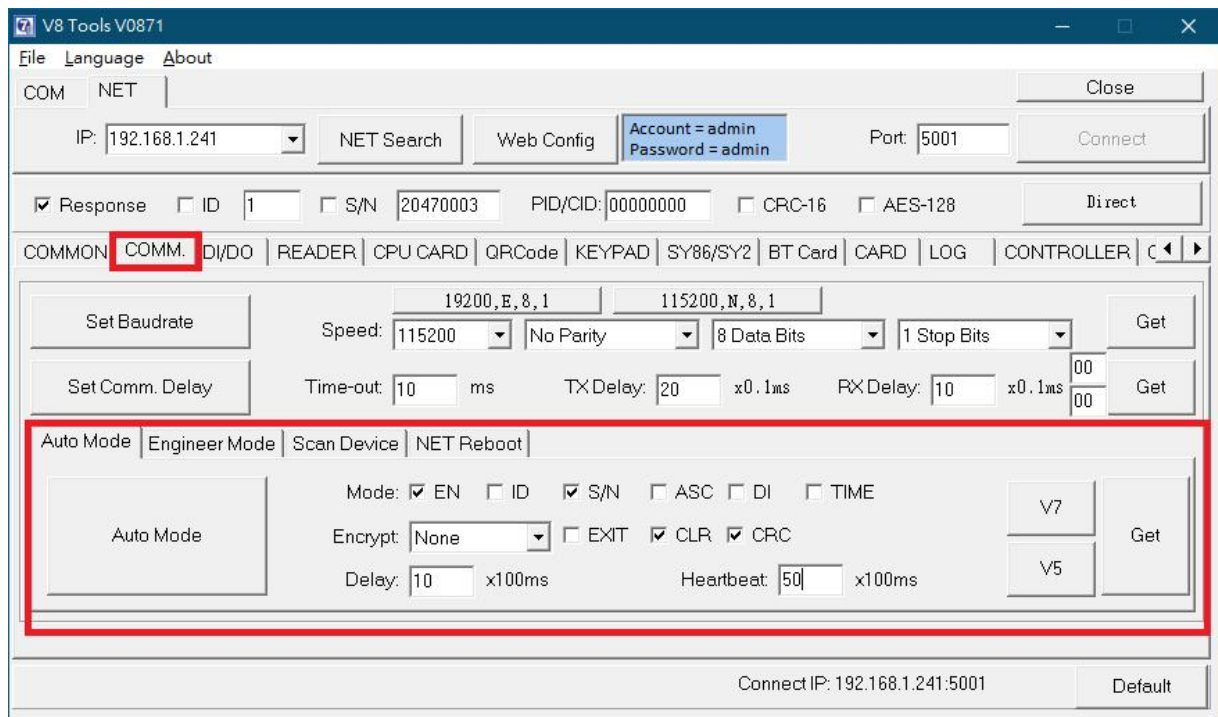
☐ Patrol Mode ☐ Xtivity Direct Mode

☐ RS485 Master Mode ☐ Wiegand Reader Mode

DO Time (Unit: 0.1 Sec): DO1: 50 DO3: 50 DO5: 50 DO2: 50 DO4: 50 DO6: 50

Connect IP: 192.168.1.241:5001 Default

2. Select "EN" (means enable), "S/N", "CLR", "CRC" and set heartbeat to 50 (means 5 sec) and then click "Auto Mode" to finish configure.



V8 Tools V0871

File Language About

COM NET

IP: 192.168.1.241 NET Search Web Config Account = admin Password = admin Port: 5001 Connect

☒ Response ☐ ID 1 ☐ S/N 20470003 PID/CID: 00000000 ☐ CRC-16 ☐ AES-128 Direct

COMMON COMM DI/DO READER CPU CARD QRCode KEYPAD SY86/SY2 BT Card CARD LOG CONTROLLER

Set Baudrate: 19200, E, 8, 1 115200, N, 8, 1 Get

Speed: 115200 No Parity 8 Data Bits 1 Stop Bits Get

Set Comm. Delay: Time-out: 10 ms TX Delay: 20 x 0.1 ms RX Delay: 10 x 0.1 ms Get

Auto Mode Engineer Mode Scan Device NET Reboot

Auto Mode

Mode: ☒ EN ☐ ID ☒ S/N ☐ ASC ☐ DI ☐ TIME

Encrypt: None ☐ EXIT ☒ CLR ☒ CRC

Delay: 10 x 100ms Heartbeat: 50 x 100ms V7 V5 Get

Connect IP: 192.168.1.241:5001 Default