



QUIO QU-ER-80-4 Chip Card Reader User Guide

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QUIO QU-ER-80-4 Chip Card Reader



Product Information

The QR Code Reader is a device that allows you to read QR codes. It has various features and settings that can be configured according to your needs.

Function Parameter Specification

- Network Parameter: This includes the network settings of the QR Code Reader. You can configure relevant parameters such as IP address, HTTP address, and sever port.
- Format Parameter Setting: This allows you to select the output format for the QR code reader, such as USB virtual keyboard, USB virtual serial port, HTTP, MQTT, RS232, WG26, WG34, RS485, and access control system output.
- External Parameter: This includes settings for rest interval, working mode (common mode, single mode, interval mode), and scan fill-in light.

Product Usage Instructions

1. Double click on the QR code Reader parameter setting page.
2. Use a mini USB data cable to connect the QR code reader to a PC. Make sure the fill-in light is on and the buzzer rings. This indicates that the QR code reader has started successfully. Then, use an internet cable to connect the QR code reader to the PC.
3. The default fixed IP for the QR code Reader is 192.168.1.99. Manually set the client PC to the same network segment as the QR code reader. Follow the instructions in the provided picture to get the QR code reader parameter via the software.
4. Configure the network parameters and other relevant settings according to your requirements using the software.
5. Set the desired output format for the QR code reader, such as USB virtual keyboard, USB virtual serial port,

HTTP, MQTT, RS232, WG26, WG34, RS485, or access control system output.

- Adjust the external parameters, including rest interval, working mode, and scan fill-in light settings.
- Save the settings and start using the QR code reader according to your specific needs.

USING INSTRUCTIONS



- Double click on 'Parameter setting.ere', enter QR code Reader parameter setting page,

- Use mini USB data cable connect the QR code reader to PC, fill in light on, buzzer rings, QR code reader start done, then use the internet cable connect the QR code Reader to PC.
- QR code Reader default fixed IP is 192.168.1.99, client PC manual setting the same network segment with the QR code Reader, follow the operation as below Picture, can get the QR code reader parameter via the software

The screenshot shows a 'Parameter setting' window with a left sidebar containing a device list with '78BA67AE' selected. The main area has several tabs: 'Network parameter', 'Format parameter settings', 'External parameter settings', 'Bar code QR code setting', 'Card Prefix suffix format', 'WU timing definition', and 'QR code parameter setting'. The 'Network parameter' tab is active, showing fields for IP address (192.168.1.99), Subnet mask (255.255.255.0), network gate (192.168.1.1), DNS 1 (114.114.114.114), DNS 2 (8.8.8.8), Network mode (Fixed IP), server address (ipc.fondvision.com), Server port (80), and HTTP server (PHP). Other tabs show settings for output format, serial parameters, reset settings, working mode, and QR code parameters. A status bar at the bottom indicates 'Receive parameter successful' and shows a hex data string.

Function parameter specification

network parameter

- Mainly include network parameter of the QR code Reader, configure relevant parameter, click setting can done setting.

This is a close-up of the 'Network parameter' section from the screenshot. It includes fields for IP address (192.168.1.99), Subnet mask (255.255.255.0), network gate (192.168.1.1), DNS 1 (114.114.114.114), and DNS 2 (8.8.8.8). To the right, there are dropdown menus for Network mode (Fixed IP), server address (ipc.fondvision.com), Server port (80), and HTTP server (PHP), followed by a 'Set up' button.

- Internet mode: default fixed IP:192.168.1.99 mode, can select auto obtain mode
- HTTP address HTTP output mode need use domain name address
- HTTP sever port HTTPoutput mode need use sever port
- Docking services Voice HTTP output mode sever docking interface language PHP JSP C# ASP option

format parameter setting

Format parameter settings			
Output format selection		USB keyboard	Set up
card number input format		6H	Set up
HID format parameter	Enter	Enter	Line feed
		No line feed	Set up
Serial parameter baud rate	9600	Data bits	8
Stop bit	1	Parity check	NONE
QR code serial output format	ASCII		Set up

- output format selection USB Virtual keyboard USB virtual serial port HTTP MQTT RS232 WG26 WG34 RS485 access control system output(not enabled) TCP UDP functions
- card number output format 6H 8H 6H10D 8H10D 2H3D+4H5D option this card number format setting is invalid for QR Code
- HID format parameter data output if send carriage return If send line feed this parameter setting is invalid for USB virtual serials port, carriage return only valid for USB virtual keyboard, linefeed only valid for RS232
- parameter can adjust correspond parameter as you need, this parameter setting is invalid for USB virtual serial port, only valid for RS485, RS232
- QR code serial port output format DEC HEX DEC Reverse Hex Reverse ASCII option this parameter only valid for RS485,RS232"RS485 RS232" Hex Hex Reverse output format is Hex card number, total bit is odd, output is ASCII Even number, output is HEX card number

external parameter

External parameter settings			
Reset settings	12 hours	Set up	Working mode
			Common mode
horn	Close	Set up	Sweeping light
			turn on

- rest setting 0 for not reset 12hours interval 24 hours interval
- working mode common mode, single mode, interval mode
- Common mode can reading QR code constantly
single mode the same QR code can not reading constantly interval mode reading the same QR code need waiting 15 seconds
- horn not enabled
- scan fill in light turn on and off for camera fill in light

bar code, QR code setting

Bar code QR code setting	
prefix and suffix input format	ASCII
prefix	
Suffix	

- setting QR code prefix and suffix, add the correspond prefix and suffix to QR code
- prefix and suffix input format ASCII HEX option setting the prefix and suffix format output

card number prefix suffix format



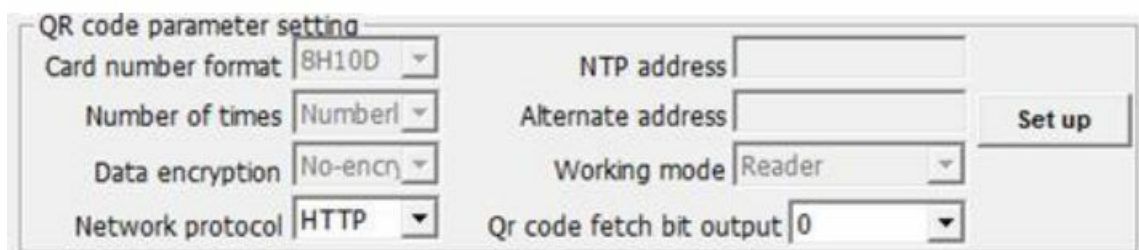
- setting prefix and suffix, add the correspond prefix and suffix to card number(this parameter only valid for RS485 RS232)
- prefix and suffix input format ASCII HEX option setting the prefix and suffix format output
- serial port output format ASCII HEX option setting the prefix and suffix format output

WG timing sequence defination



- setting the wiegand output high low pulse time period, setting the timing sequence according to the actual controller

QR code parameter setting



- card number format 8H10D Hex 2H3D+4H5D option default is 8H10D this parameter only valid for WG26 WG34 other function parameter not enabled

<https://quio-rfid.de/>.

Documents / Resources

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