



# **QCOM User Guide**

**QCOM\_V1.0**

<b>Document Title:</b>	QCOM User Guide
<b>Revision:</b>	1.0
<b>Date:</b>	2010-12-21
<b>Status:</b>	Release
<b>Document Control ID:</b>	QCOM_V1.0

### General Notes

Quectel offers this information as a service to its customers, to support application and engineering efforts that use the products designed by Quectel. The information provided is based upon requirements specifically provided to Quectel by the customers. Quectel has not undertaken any independent search for additional relevant information, including any information that may be in the customer's possession. Furthermore, system validation of this product designed by Quectel within a larger electronic system remains the responsibility of the customer or the customer's system integrator. All specifications supplied herein are subject to change.

### Copyright

This document contains proprietary technical information which is the property of Quectel Limited. The copying of this document and giving it to others and the using or communication of the contents thereof, are forbidden without express authority. Offenders are liable to the payment of damages. All rights are reserved in the event of grant of a patent or the registration of a utility model or design. All specification supplied herein are subject to change without notice at any time.

*Copyright © Quectel Wireless Solutions Co., Ltd. 2010*

## Contents

Contents .....	2
1. Installation.....	3
2. Introduction of the Tool.....	4
2.1 Introduction of the UI and Function.....	4
2.1.1. COM Port Configuration .....	4
2.1.2. Open and Close COM Port .....	5
2.1.3. Send Data.....	6
2.1.4. Send Data Continuously .....	7

## 1. Installation

The present document describes how to use “QCOM” tool which provided by Quectel. The tool can run without installation. And it supports the following OS:

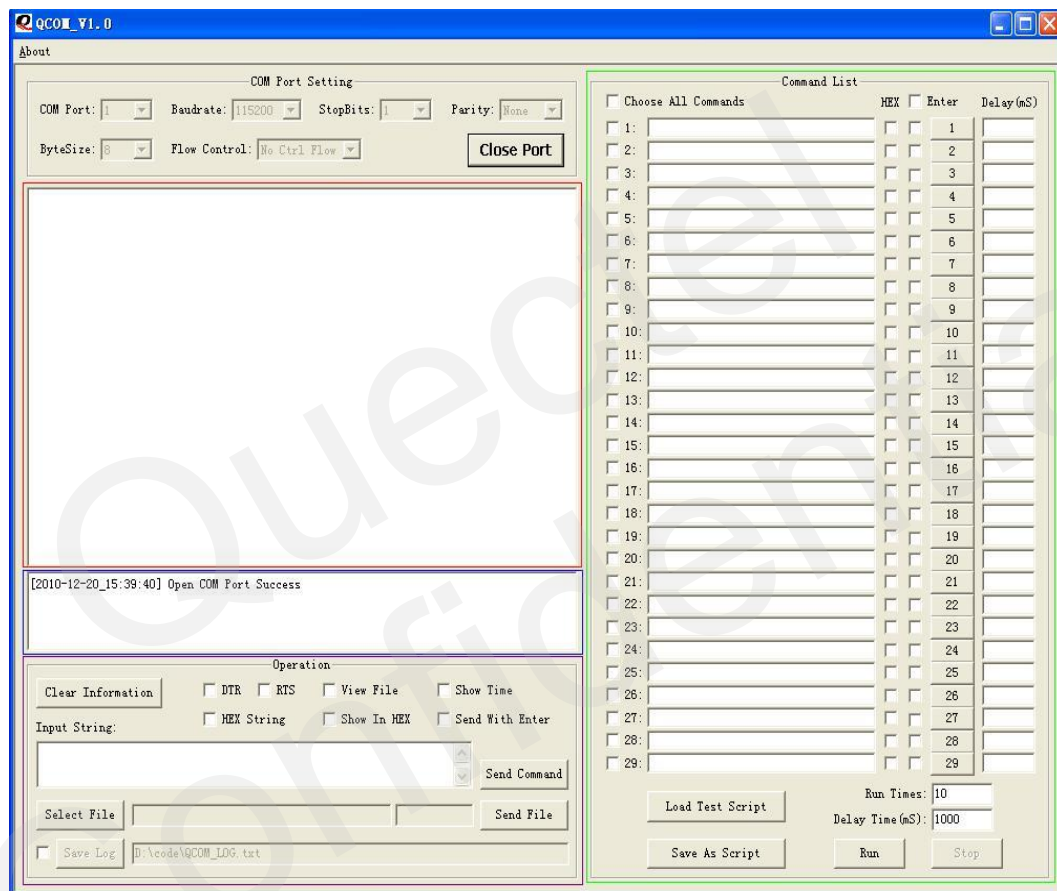
- Windows 95
- Windows 98
- Windows 2000
- Windows ME
- Windows XP

## 2. Introduction of the Tool

The tool is used to send and receive data with serial port.

### 2.1 Introduction of the UI and Function

The figure 1 shows the functions of the tool.



**Figure 1: The Functions of the Tool**

- A) Red area displays the received data.
- B) Blue area displays every status information.
- C) Purple area is used to send data or files.
- D) Green area is used to send data continuously.

#### 2.1.1. COM Port Configuration

- A) Port

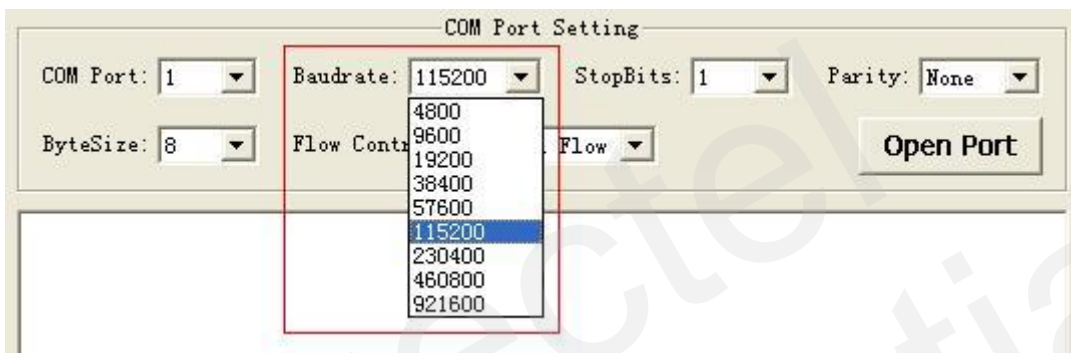
According to the connection between PC and terminal, select the right serial port as figure 2.



**Figure 2: UI of COM Port**

B) Baud rate

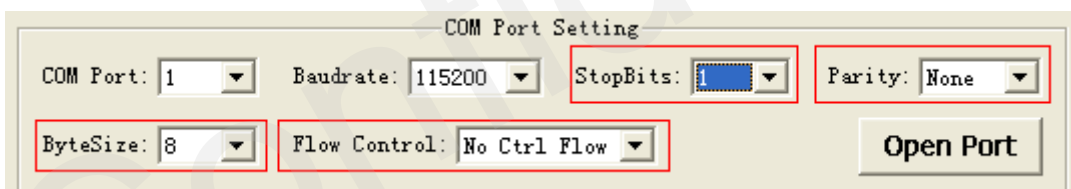
Choose an appropriate baud rate. Please refer to figure 3.



**Figure 3: UI of Baud rate**

C) Other configuration parameters of COM port

Choose appropriate Stop Bits, Parity, Byte Size, and Flow Control. Please refer to figure 4.

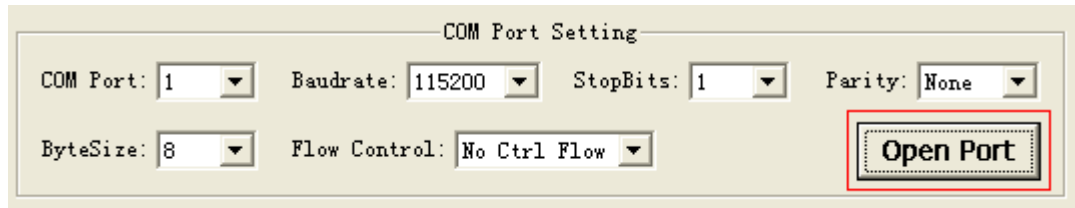


**Figure 4: Other Configuration Parameters**

## 2.1.2. Open and Close COM Port

A) Open COM Port

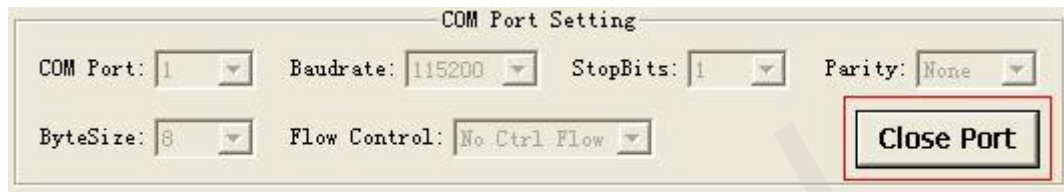
Click “Open Port” to open the COM port that you choose. Please refer to figure 5.



**Figure 5: Open Port Button**

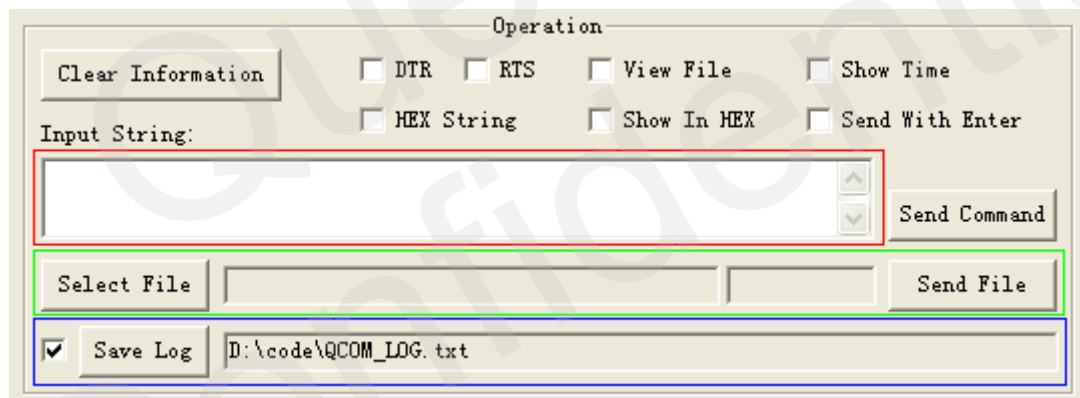
#### B) Close COM Port

Click “Close Port” to close the COM port that you choose. Please refer to figure 6.



**Figure 6: Close Port Button**

### 2.1.3. Send Data

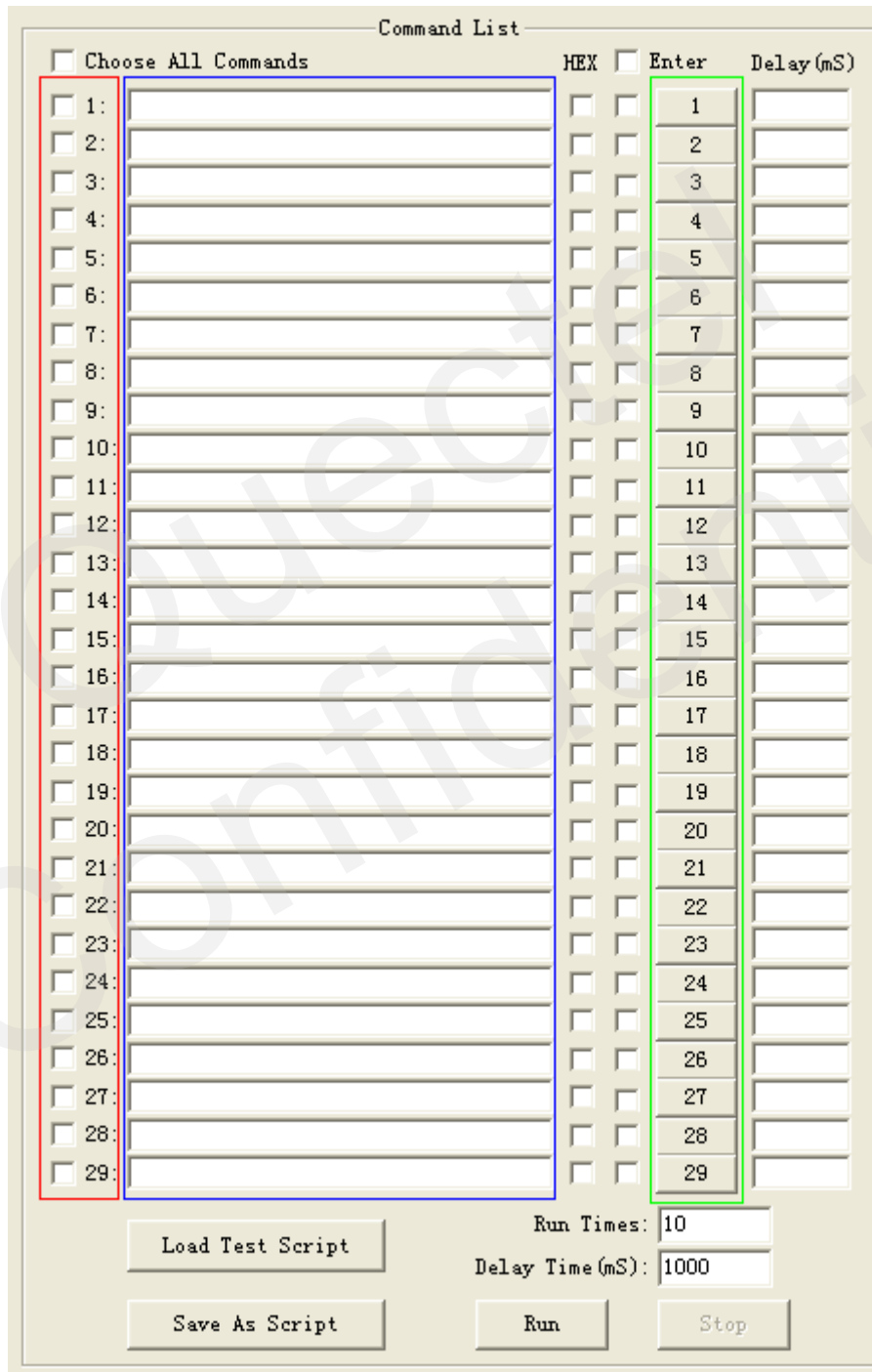


**Figure 7: Send Data Operation**

- A) Red area is used to input data which would be sent.
- B) Green area is used to choose file needed and send a whole file.
- C) Blue area is used to save received data as a file.
- D) DTR: Enable the DTR pin of COM port.
- E) RTS: Enable the RTS pin of COM port.
- F) View File: Show the data of the file that being sent.
- G) Show Time: Show the time of each received data.
- H) HEX String: The input string is HEX string.
- I) Show in HEX: The received data is shown in HEX.
- J) Send with Enter: Send data with “Enter”.

- K) Clear Information: Clear all displaying received data and status information.
- L) Send Command: Start to send the data that you input.
- M) Select File: Select the file that would be sent.
- N) Send File: Start to send the file that you selected.
- O) Save Log: Select the file that the Log data would be saved as.

#### 2.1.4. Send Data Continuously



Command List

☐ Choose All Commands

HEX ☐ Enter Delay (mS)

<input type="checkbox"/> 1:		<input type="checkbox"/>	<input type="checkbox"/>	1	
<input type="checkbox"/> 2:		<input type="checkbox"/>	<input type="checkbox"/>	2	
<input type="checkbox"/> 3:		<input type="checkbox"/>	<input type="checkbox"/>	3	
<input type="checkbox"/> 4:		<input type="checkbox"/>	<input type="checkbox"/>	4	
<input type="checkbox"/> 5:		<input type="checkbox"/>	<input type="checkbox"/>	5	
<input type="checkbox"/> 6:		<input type="checkbox"/>	<input type="checkbox"/>	6	
<input type="checkbox"/> 7:		<input type="checkbox"/>	<input type="checkbox"/>	7	
<input type="checkbox"/> 8:		<input type="checkbox"/>	<input type="checkbox"/>	8	
<input type="checkbox"/> 9:		<input type="checkbox"/>	<input type="checkbox"/>	9	
<input type="checkbox"/> 10:		<input type="checkbox"/>	<input type="checkbox"/>	10	
<input type="checkbox"/> 11:		<input type="checkbox"/>	<input type="checkbox"/>	11	
<input type="checkbox"/> 12:		<input type="checkbox"/>	<input type="checkbox"/>	12	
<input type="checkbox"/> 13:		<input type="checkbox"/>	<input type="checkbox"/>	13	
<input type="checkbox"/> 14:		<input type="checkbox"/>	<input type="checkbox"/>	14	
<input type="checkbox"/> 15:		<input type="checkbox"/>	<input type="checkbox"/>	15	
<input type="checkbox"/> 16:		<input type="checkbox"/>	<input type="checkbox"/>	16	
<input type="checkbox"/> 17:		<input type="checkbox"/>	<input type="checkbox"/>	17	
<input type="checkbox"/> 18:		<input type="checkbox"/>	<input type="checkbox"/>	18	
<input type="checkbox"/> 19:		<input type="checkbox"/>	<input type="checkbox"/>	19	
<input type="checkbox"/> 20:		<input type="checkbox"/>	<input type="checkbox"/>	20	
<input type="checkbox"/> 21:		<input type="checkbox"/>	<input type="checkbox"/>	21	
<input type="checkbox"/> 22:		<input type="checkbox"/>	<input type="checkbox"/>	22	
<input type="checkbox"/> 23:		<input type="checkbox"/>	<input type="checkbox"/>	23	
<input type="checkbox"/> 24:		<input type="checkbox"/>	<input type="checkbox"/>	24	
<input type="checkbox"/> 25:		<input type="checkbox"/>	<input type="checkbox"/>	25	
<input type="checkbox"/> 26:		<input type="checkbox"/>	<input type="checkbox"/>	26	
<input type="checkbox"/> 27:		<input type="checkbox"/>	<input type="checkbox"/>	27	
<input type="checkbox"/> 28:		<input type="checkbox"/>	<input type="checkbox"/>	28	
<input type="checkbox"/> 29:		<input type="checkbox"/>	<input type="checkbox"/>	29	

Load Test Script

Run Times: 10

Delay Time (mS): 1000

Save As Script

Run

Stop

Figure 8: Send Data Continuously Operation



- A) Red area is used to enable the data to be sent.
- B) Blue area is used to input data which would be sent.
- C) Green area is used to start to send each data.
- D) Choose All Commands: Enable all available commands which would be sent.
- E) HEX: The input string is HEX string.
- F) Enter: Send data with "Enter".
- G) Delay: Delay time for each data.
- H) Delay Time: Default delay time.
- I) Run Times: The times of sending all selected data continuously.
- J) Run: Start to send all selected data continuously.
- K) Stop: Stop sending all selected data continuously.
- L) Save As Script: Save all data and config as ini file.
- M) Load Test Script: Load data and config from an ini file.



**Shanghai Quectel Wireless Solutions Co., Ltd.**

**Room 501, Building 9, No.99, TianZhou Road, Shanghai, China 200233**

**Tel: +86 21 5108 2965**

**Mail: [info@quectel.com](mailto:info@quectel.com)**