

QCOM User Guide

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About the Document

History

Revision	Date	Author	Description
1.0	2010-12-21	Walter LI	Initial
1.1	2015-03-30	Harvey HE	Updated QCOM version to 1.6

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1 Introduction

This document describes how to use “QCOM” tool which is 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

This document is applicable to all GSM, UMTS and LTE modules.

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2 How to Use the Tool

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

2.1. Description of the Tool

The figure 1 describes the functions of the tool.

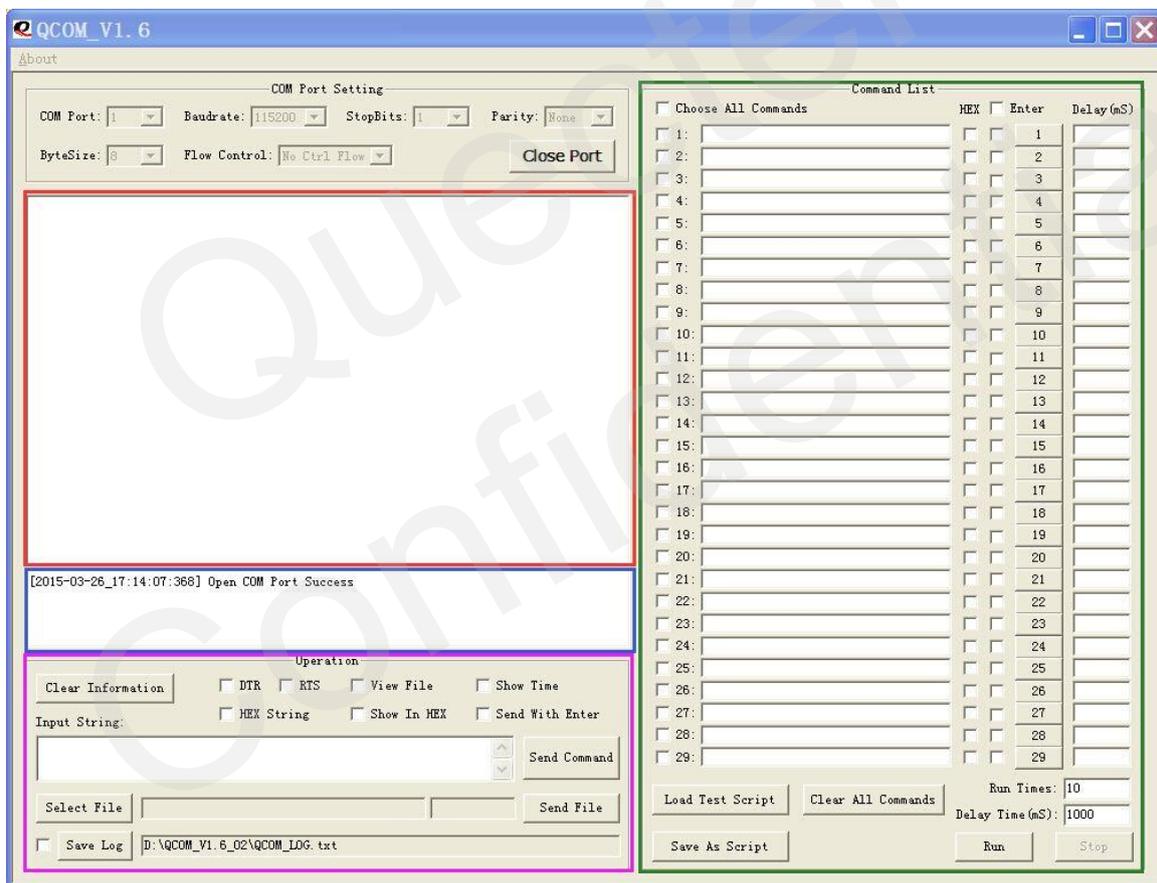


Figure 1: The Function of the Tool

- Red area displays the received data.
- Blue area displays status information.
- Purple area is used to send data or files.
- Green area is used to send data continuously.

2.1.1. COM Port Configuration

1. Port

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

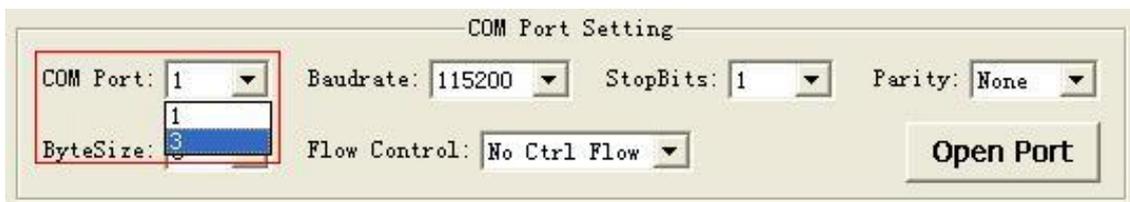


Figure 2: UI of COM Port

2. Baud rate

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

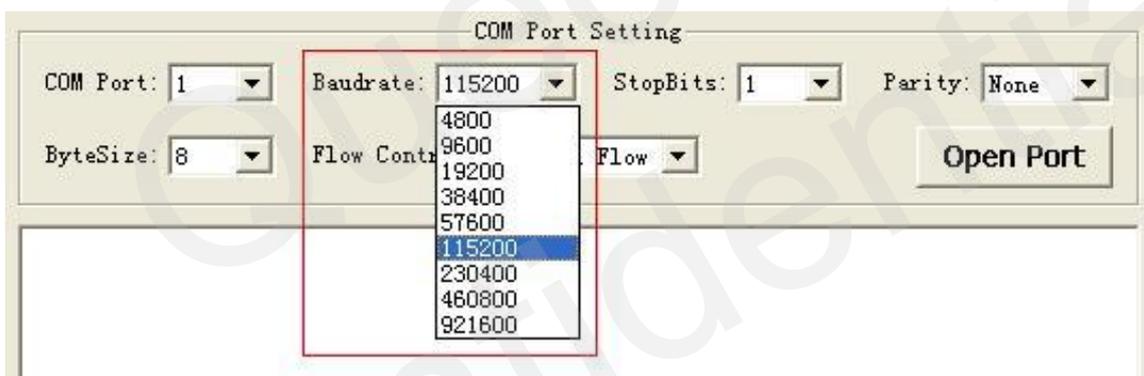


Figure 3: UI of Baud Rate

3. Other parameters configuration of COM port

Choose appropriate Stop Bits, Parity, Byte Size, and Flow Control, shown as Figure 4.

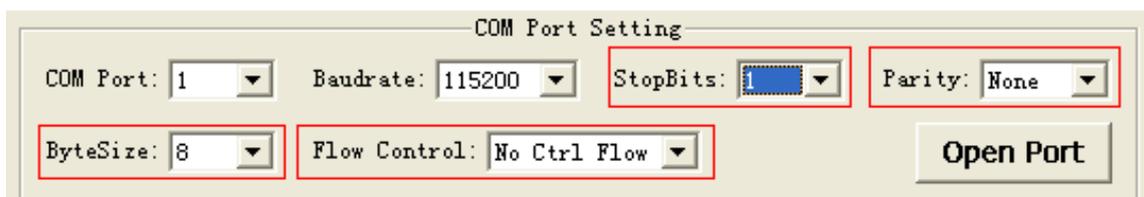


Figure 4: Other Parameters Configuration

2.1.2. Open and Close COMP Port

1. Open COM Port

Click “**Open Port**” to open the selected COM port. Please refer to Figure 5.

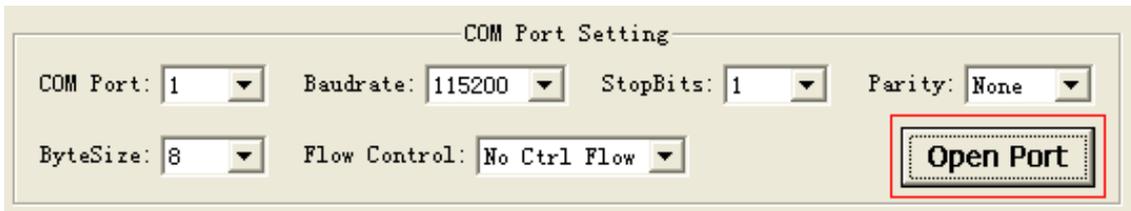


Figure 5: Open Port Button

2. Close COM Port

Click “**Close Port**” to close the selected COM port. Please refer to Figure 6.

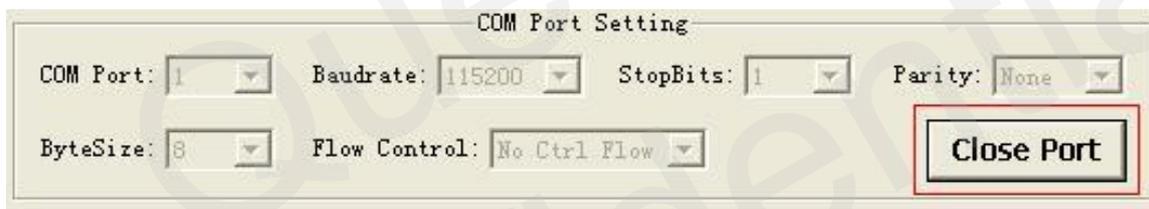


Figure 6: Close Port Button

2.1.3. Send Data

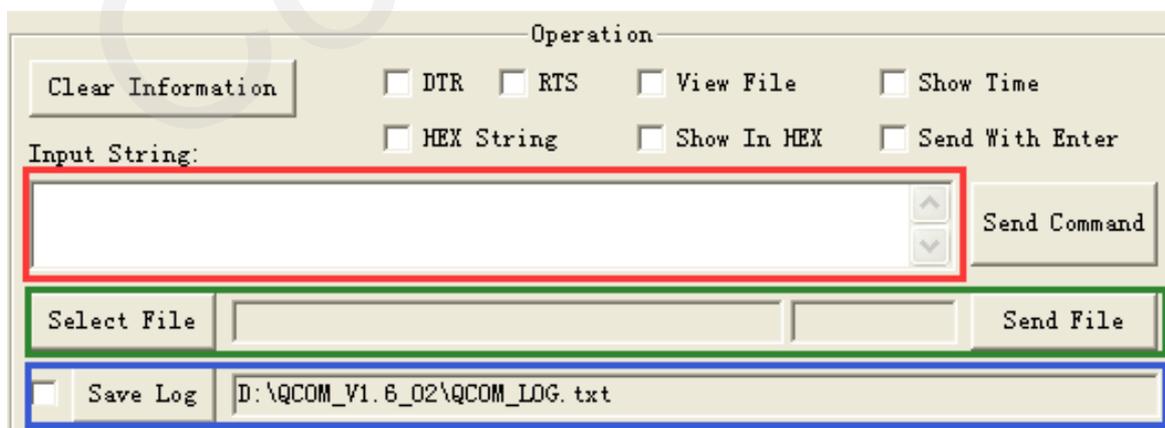


Figure 7: Send Data

- 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 which has been 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 received data and status information.
- L) Send Command: Start to send the data which you input.
- M) Select File: Select the file which would be sent.
- N) Send File: Start to send the file that you have selected.
- O) Save Log: Select the file of which the Log data was saved.

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2.1.4. Send Data Continuously

<input type="checkbox"/>	Choose All Commands		HEX	<input type="checkbox"/>	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	
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<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	

Run Times: 10
Delay Time (mS): 1000

Buttons: Load Test Script, Save As Script, Run, Stop

Figure 8: Send Data Continuously

- 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 data sending.
- 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 configure as ini file.
- M) Load Test Script: Load data and configure from an ini file.

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