

BG96 Windows USB Driver Installation Guide

LTE Module Series

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www.quectel.com



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Quectel Wireless Solutions Co., Ltd.

7th Floor, Hongye Building, No.1801 Hongmei Road, Xuhui District, Shanghai 200233, China Tel: +86 21 5108 6236 Email: info@guectel.com

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About the Document

History

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1 Introduction

This document illustrates how to install USB driver for Quectel BG96 module on Windows operating systems, with provided installation package.

The installation package (*Quectel_BG96_Windows_USB_Driver*) supports Windows XP, Windows Vista, Windows 7 and Windows 8 operating systems. This document introduces the installation procedure on Windows 7 system as an example.



2 Installation of USB Driver

This chapter mainly describes how to install USB driver for BG96 with the provided installation package.

2.1. Preparation

Before USB driver installation, please connect BG96 to PC via USB cable first and then press BG96's power key to power up the module. If you have never installed any Quectel driver on your system before, there would be a prompt about new device which indicates you to update the drivers. Please ignore the prompt and go to the next step.

The figure below shows the "Computer Management" \rightarrow "Device Manager" interface of Windows system that has never installed Quectel drivers.

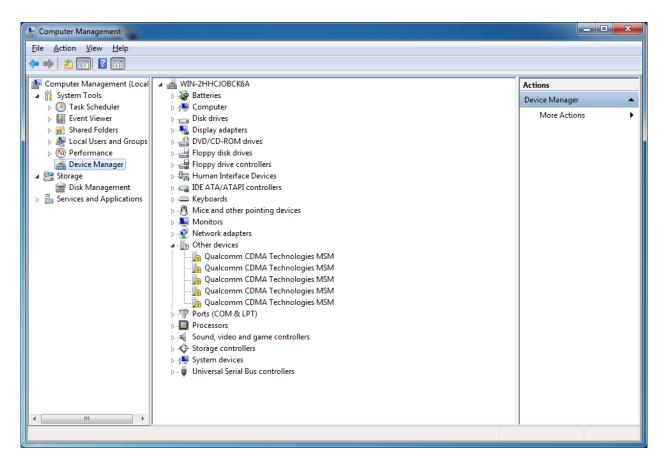


Figure 1: "Device Manager" Interface of Windows System without Quectel Drivers



NOTE

For Windows XP system, you MUST ensure the BG96 module has been connected to PC before installing the USB driver.

2.2. Installation Procedures

Before USB driver installation, please get the latest installation package from Quectel. This document takes the installation of *Quectel_BG96_Windows_USB_Driver_V1.0* as an example, and the details are shown as below.

1. Check Installation Setting

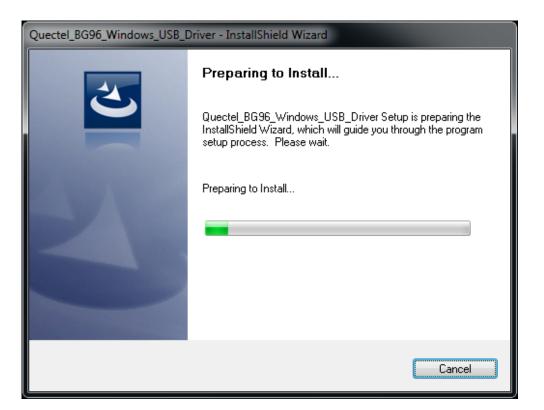


Figure 2: Confirm Installation

2. Choose Destination Location

If you do not want to change the default location for USB driver installation, please click "**Next**" directly to go on.



Quectel_BG96_Windows_USB_Driver - Insta	IIShield Wizard	×
Choose Destination Location Select folder where setup will install files.		No.
Setup will install Quectel_BG96_Windows_I	USB_Driver in the following	g folder.
To install to this folder, click Next. To install another folder.	to a different folder, click B	3rowse and select
Destination Folder C:\Program Files\Quectel\BG96\		Browse
InstallShield —	< <u>B</u> ack N	ext > Cancel

Figure 3: Choose Destination Location

3. Prepare Driver Files Needed for Installation

Click "Next" to go on, as shown below.

Quectel_BG96_Windows_USB_Driver - InstallShield Wizard		×
Start Copying Files Review settings before copying files.		1
Setup has enough information to start copying the program files. If you want to revie change any settings, click Back. If you are satisfied with the settings, click Next to b copying files.		
Current Settings:		
Driver Version:V1.0 Destination Location: C:\Program Files\Quectel\BG96\ Product: Quectel_BG96_Windows_USB_Driver		*
		T
•	Þ	
InstallShield		
< <u>B</u> ack Next ≻	Cance	el 📄

Figure 4: Copying Files



4. Automatic Installation

It may take some time to install the driver, please wait patiently for the process to complete.

Quectel_BG96_Wind	ows_USB_Driver - InstallShield Wizard	×
Setup Status		4
Quectel_BG96_V	vindows_USB_Driver is configuring your new software installation.	
Computing space	The driver is installing, please wait	
InstallShield ————	Canc	el

Figure 5: Automatic Installation

5. Complete Installation

The driver has been installed successfully, shown as below. Please click "Finish" to complete the installation.



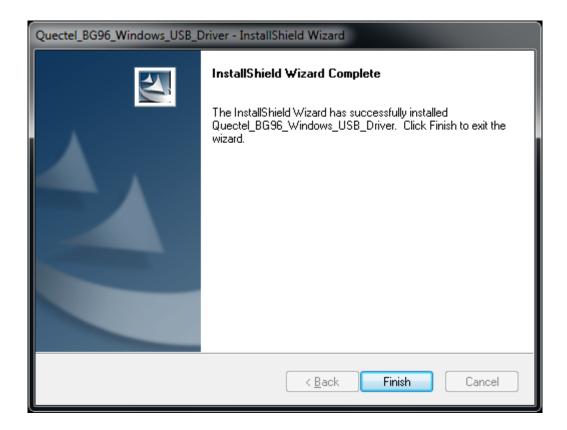


Figure 6: Complete Installation



After successful installation, customers can check the installation result through "Computer Management" \rightarrow "Device Manager".

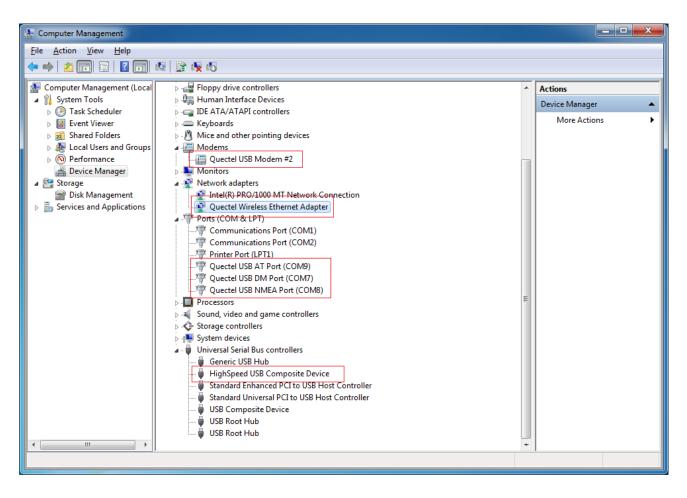


Figure 7: Check USB Driver Installation Result for BG96

2.3. Test

After the USB driver has been installed, customers can test whether the driver can work normally or not by QNavigator. For detailed steps, please refer to *Quectel_QNavigator_User_Guide*.



	Q QNavigator_V1.4				
File Setting To	a view nep				
	Home	[2017-06-14 11:41:16:596_S:] AT+CMEE=2			
A		[2017-06-14 11:41:16:602_R:] AT+CMEE=2			
Home	Disconnect to module	[2017-06-14 11:41:16:602_R:] OK			
		/* Get the baudrate, if the value is 0 (auto baudrate), then it will be set to 115200 (fixed baudrate) to			
SMS	Automatic initialization	assure reliable communication and avoid any problems caused by undetermined baudrate between DCE			
C		and DTE, value of IPR should be saved with AT&W */			
Voice Call	Module information	[2017-06-14 11:41:16:611_S:] AT+IPR?			
		[2017-06-14 11:41:16:619_R:] AT+IPR?			
ŝ	Manufacturer ID: Quectel Device module: BG96	[2017-06-14 11:41:16:619_R:] +IPR: 115200			
TCP/UDP	Firmware version: BG96MAR02A02M1G	[2017-06-14 11:41:16:619_R:] OK			
PPP	Registration information	E /* Use ATI to get module information of Manufacturer ID, Device module and Firmware version */			
2	Network registration:	[2017-06-14 11:41:16:627_S:] ATI			
AT Command	GPRS network status:	[2017-06-14 11:41:16:633_R:] ATI			
		[2017-06-14 11:41:16:633_R:] Quectel			
6	Preferred operator:	[2017-06-14 11:41:16:633_R:] BG96			
QCOM	SIM card information	[2017-06-14 11:41:16:633_R:] Revision: BG96MAR02A02M1G ▼ Text C Hex C SpecialChars C File V Send With Enter			
	SIM card IMSI:	Send			
	SIM card ICCID:				
		DIR RIS			
QNavigator_UMTS/H	ISPA	COM81,115200,8,1,None,None DSR[0] CTS[0] RI[0] DCD[0] 2017-06-14 1			

Figure 8: BG96 Testing via Navigator



3 Uninstallation of USB Driver

This chapter mainly provides the way to uninstall USB driver for BG96. The uninstallation can be realized by re-operating installation package or adding/deleting program on "Control Panel". By taking as an example, this document introduces using the latter method to uninstall the USB driver for BG96.

3.1. Uninstallation Procedures

1. Choose Drivers

Enter "Control Panel" and choose the installed driver, then click "Uninstall", as shown below.

🚱 🕒 – 💽 🕨 Control Panel 🕨	Programs Programs and Features		▼ 4 3 St	earch Programs	and Features	x P
Control Panel Home View installed updates	Uninstall or change a program To uninstall a program, select it from the list and then Organize 👻	- ·			8== +	0
	Name Image: Name I	Publisher Microsoft Corporation Quectel Wireless, Co.,Ltd.	Installed On 4/6/2017 6/29/2017	596 KB	Version 9.0.30729.4148 1.0.2	
	VMware Tools	VMware, Inc.	4/6/2017	30.3 MB	8.8.2.10499	
	Currently installed programs Total size: 40 3 programs installed	.7 MB				

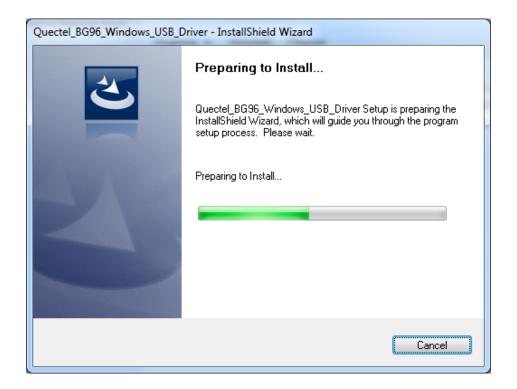
Figure 9: Choose the Installed USB Driver



						x
😋 🕞 🗕 🔣 k Control Panel 🕨	Programs Programs and Features		👻 🍫 Se	arch Programs	and Features	Q
Control Panel Home View installed updates Turn Windows features on or off	Programs → Programs and Features Uninstall or change a program To uninstall a program, select it from the list and then Organize ↓ Uninstall Change Name Microsoft Visual C++ 2008. Redistributable - x86 9.0.3 jo Quectel_BG96_Windows_USB_Driver WWware Tools	click Uninstall, Change, or Repair. Publisher Microsoft Corporation Quectel Wireless, Co.,Ltd. VMware, Inc.	▼ 4 ₇ Se Installed On 4/6/2017 6/29/2017 4/6/2017	Size 596 KB	8≣ ▼ Version 9.0.30729.4148 1.0.2	P
	Quectel Wireless, Co.,Ltd. Product version: Help link:		ink: http://www ize: 9,83 MB	/.Quectel.com		

Figure 10: Uninstall the USB Driver

2. Check Uninstallation Setting







3. Confirm Uninstallation

Click "Yes" to confirm the uninstallation.

(Quectel_BG96_Windows_USB_Driver - InstallShield Wizard
	Do you want to completely remove the selected application and all of its features?
	Yes <u>N</u> o

Figure 12: Confirm Uninstallation

4. Automatic Uninstallation

It may take some time to uninstall, please wait patiently for the process to complete.



Figure 13: Automatic Uninstallation

The drivers are uninstalling now, as shown below.

Quectel_BG96_Windows_USB_Driver - InstallShield Wizard				
Setup Status		4		
The InstallShield Wizard is removing Quectel_BG96_Windows_USB_Driver				
Removing applications				
InstallShield	Cano	cel		





5. Complete Uninstallation

The drivers have been uninstalled completely, as shown below. Click "Finish" to complete uninstallation.

Quectel_BG96_Windows_USB_Driver - InstallShield Wizard			
	Uninstall Complete InstallShield Wizard has finished uninstalling Quectel_BG96_Windows_USB_Driver.		
	< <u>B</u> ack Finish Cancel		

Figure 15: Complete Uninstallation

6. Check Uninstallation Result

After the USB driver has been uninstalled successfully, the device will switch to uninstalled status. Customers can check whether the driver has been uninstalled successfully or not through "Computer Management", as illustrated below.



File Action Yiew Help System Tools Task Scheduler Stronge Stronge Stronge Stronge Services and Applications Actions Actions Disk dirives Services and Applications Actions Disk dirives Services and Applications Actions Actions Device Manager Services and Applications Actions Actions Device Manager Services and Applications Actions Actions Actions Actions Acu	Computer Management			
Computer Management (Local WIN-2HHCJOBCK6A Actions System Tools Batteries Computer Exerct Viewer Disk drives Disk drives Shared Folders Disk drives Ploppy disk drives Device Manager Ploppy disk drives Ploppy disk drives Disk Management Ploppy disk drives Ploppy disk drives Device Manager Ploppy disk drives Ploppy disk drives Disk Management Plopey disk drives Plopey disk drives Disk Management Plopy disk drives Plopy disk drives Disk Management Plopy disk drives <t< td=""><td colspan="4"></td></t<>				
Image: System Tools Image: System Tools<				
Image: Star Streeduler Image: Computer Image: Star Streeduler Image: Star Star Streeduler Image: Star Star Star Star Star Star Star Star			Actions	
Image: Event Viewer Image:		· · · · · · · · · · · · · · · · · · ·	Device Manager	
Qualcomm CDMA Technologies MSM Qualcomm Technologies MSM Qualcomm Technologies MSM Qualcomm	 Shared Folders Shared Folders Eccal Users and Groups Performance Device Manager Storage Disk Management 	 Display adapters Display adapters DVD/CD-ROM drives Floppy disk drives Floppy drive controllers Human Interface Devices Human Interface Devices To E ATA/ATAPI controllers EXPLORE Monitors Mice and other pointing devices Monitors Network adapters Other devices Qualcomm CDMA Technologies MSM 	More Actions	
< >	< <u> </u>	Qualcomm CDMA Technologies MSM Qualcomm CDMA Technologies MSM Qualcomm CDMA Technologies MSM Processors Qualcomm CDMA Technologies MSM Processors Qualcomm CDMA Technologies MSM Qualcomm		

Figure 16: Check Uninstallation Result for BG96 USB Driver