

# **Godiag M8 Wireless Auto Scanner**

# **User Manual**







## Introduction

#### Welcome to use Godiag M8 Instrument

Thank you for using Godiag M8 Automatic Diagnostic Tool (hereinafter called M8).

This manual mainly contains customer support, device overview, device registration method, device connection, device operation method, and device upgrade method, etc. Therefore, please read this manual carefully before using the instrument so that you can use it in a quick and correct way. The manual only introduces how to operate and use the instrument. Please refer to original repair manual for repair and diagnosis of a specific automobile. The manual is prepared based on the existing functions and configurations of product. Its contents are subject to change without notice.

#### Copyright

The Copyright of this Manual will be belonging to Godiag, Any person and company will be prohibited to copy or release by any form.

#### **Trade Mark**

The trade marks referred and other trade marks in the user manual belong to registered company.

#### **Customer Support**

To obtain the assistance with a question or problems during using Godiag scanner, or to arrange warranty or non-warranty repairs, to contact our customer support center is provided.

#### **Before contact us:**

#### Before making a call or Email to our custom support center

- 1, Your name & address should provided.
- 2,Serial number of the equipment
- 3, parts number & quantity of the items to be requested
- 4, your phone number or email address which our technician may be reached.

#### Prepare a brief description of the problems ,like

- 1, When the problems occurred
- 2,List the errors when display in the laptop
- 3, Vehicels information( brand, model, year---)

#### Why using this manual

To increase their effectiveness of Godiag ,familiarize yourself with the format and information in this manual, so that you can practiced and effectively operate Godiag.

#### Vehicles system familiarity

Even though M8 is a powerful auto diagnostic tool, but it cannot replace knowledge & skills. In order to get more better to operate M8, it is necessary to have a complete understanding vehicles system.

When using M8to diagnose the vehicles, you'd better also refer service manual and other similar service bulletins.

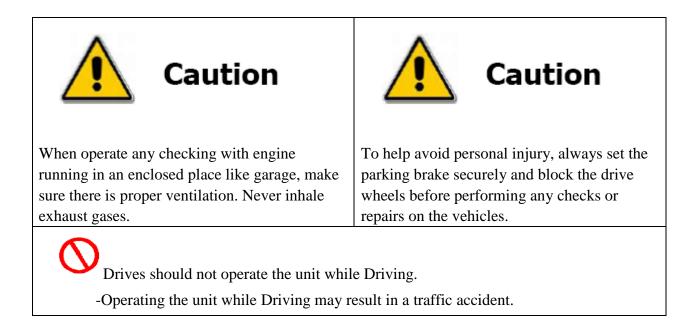
### For Your Safety

To ensure proper use of this products and prevent personal injury and property damage,

various graphic displays are used in the user's manual. The graphic Displays and respective

meanings are described as follows.

Marning	Warning message alert your to a procedure or practice which, if not followed correctly, could lead to death or serious injury.
<b>A</b> Caution	Caution messages alert you to a procedure or practice which , if not followed correctly, could lead to serious injury and/or property.
Icon Examples	This symbol alerts you to prohibited action



### **Please Note**

- Do not explore the PC or M8 to direct sunlight or high temperatures, or leave the unit in sun-heated cars. Such action may result in system failure
- Store the PC and M8 in a dry environment at room temperatures.
- Protect the PC and M8 from exposure to elements such as rain, dirt dust, food and liquids.
- Be careful when handling the PC and M8.Dropping the units may result in admage.
- Do not expose either unit to engine oil, gasoline, antifreeze or battery acid.

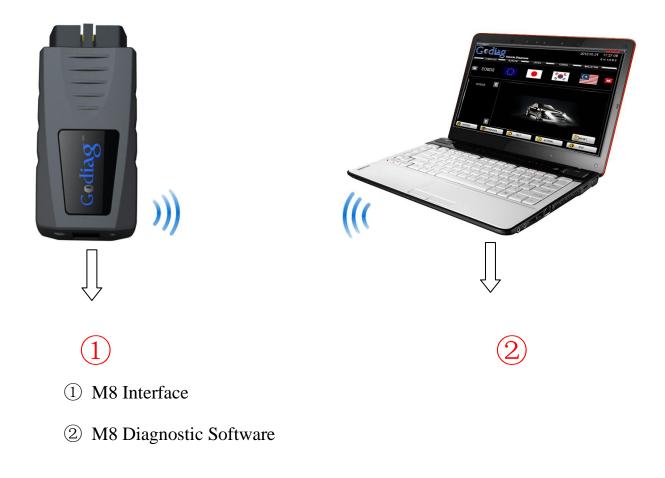
# **Tables of Contents**

Introduction	1
Tables of Contents	5
1.Products Overview	7
1.1 Functions	7
1.2 Features	
2. Hardware Instruction	
2.1 Hardware Introduction	8
2.2 Hardware Connection Introduction	9
2.3 Vehicle Connection	9
2.4 Communication Configration	10
2.5 Socket Introduction	11
3. Operation Condition	13
4. Usage Instruction	14
4.1 Godiag M8 Software Installation and Configuation	14
<ul> <li>4.1.1 Steps of Godiag Software Installation</li> <li>4.1.2 Godiag M8 Software Using Instruction</li> <li>4.1.3 Ways to Checking the Hardware/ PC Connection is Good</li> </ul>	
4.2 Wireless Communication	
<ul><li>4.2.1 TCP/IP Setting on Computer Wireless Device</li><li>4.2.2 Problems Might be Met When Wifi Setting and the Ways to Solve</li></ul>	
5.Solutions During Installation	40
6. Products Update	40
6.1 Software Update	40
6.2 Hardware Update	40

7. Maintenance and Service	. 42
7.1 Limit Range of Maintenance Service	42
7.2 Out of Guarantee Range	43

## **1.Product Overview**

**Godiag M8** is the latest wireless automotive diagnostic tool based on PC. It was designed by the new international standard, it can identify different vehicles intelligently and can support almost vehicles available in the market.



### **1.1 Functions**

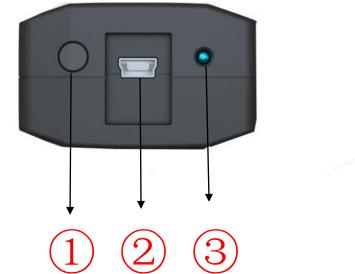
- □ Adopt 16 digit Dual Cell specialized CPU, Full compliant with all vehicles protocols.
- □. Diagnostic software accord with international standard, collocate communication port flexibly, less connectors support almost all vehicles socket.
- □ Self-determination design for connectors and cables.

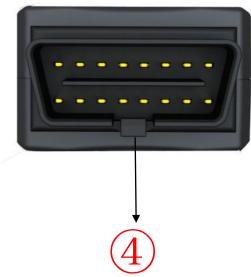
## **1.2 Features**

ITEM	Description
CPU	16 digit Dual Cell specialized CPU
FLASH	256KB FALSH
Diagnostic Port	OBD 16 PIN
Wire Port	USB 2.0 or Wifi IEEE 802.11b/g
Power Supply	DC 5V-18V
Consumption	12W
Weight	150g
Size	110mm(L) X 50mm(W) X31mm(W)
Working Temperature	-20~+70 °C
Storage Temperature	-40~+85 °C

# 2. Hardware Instruction

## 2.1 Hardware Introduction





### **Godiag Device Instruction**

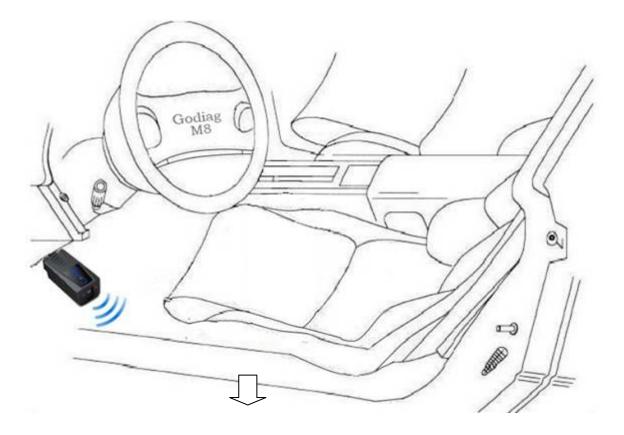
ITEM	NAME	Instruction	
1	Reset & Upgrade Button	Reset Interface or use software upgrade	
2	USB Socket	Connect Interface to Laptop with USB Cable	
3	Indicate Led (Red)	Indicate Power or working status	
4	Diagnose Connector	Standard CAN 16 Pin Socket	

## **2.2 Hardware Connection Introduction**



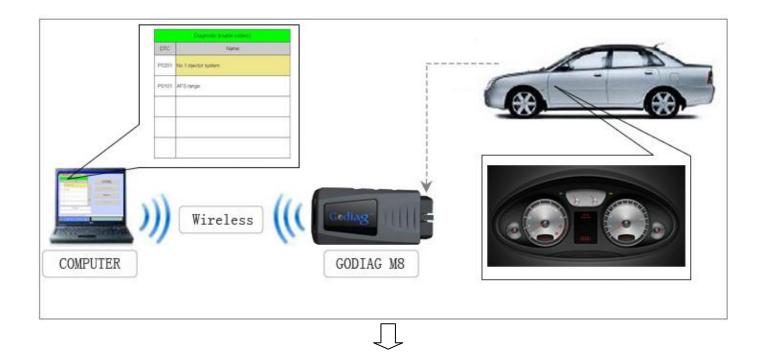
- ① Wireless Connection
- ② USB Connection

## **2.3 Vehicle Connection**

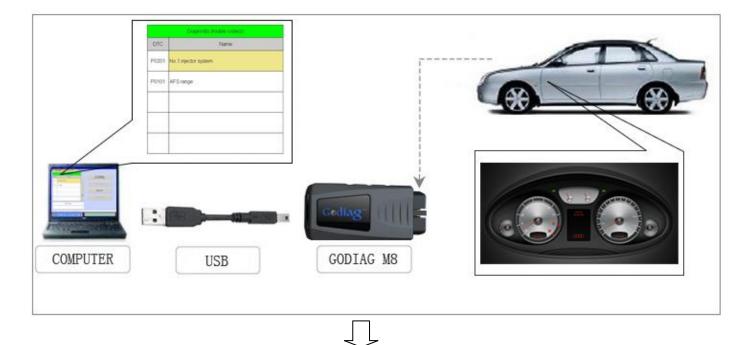


**Standard 16 Pin Wi-Fi Connection** 

## 2.4 Communication Configuration



Wireless Connection on 16 Pin Car



Wire Connection on 16 Pin Car

## **2.5 Socket Introduction**

As different vehicles need different sockets, the following sheet is the introduction of the mating sockets.

Name	Introduction	Picture
KIA 20-PIN Cable (Standard)	To diagnose KIA with 20PIN	
Mitsubishi /Hyundai 12 Cable (Standard)	To diagnose Mitsubishi /Hyundai with 12PIN	
Mitsubishi /Hyundai 16Cable (Standard)	To diagnose Mitsubishi /Hyundai with 16PIN	

Nissan14-PIN	To diagnose Nissan with 14	
Cable	PIN	
(Standard)		
Nissan16-PIN	To diagnose Nissan with 16	
Cable	PIN	
(Standard)		
Toyota 22 DIN	To diagnose Toyota with 22PIN	
Toyota 22-PIN		
Cable	(this is mainly for old car	
(Optional)	models, please use Godiag	
	general software to diagnose)	
Honda 3-PIN	To diagnose Honda with 3PIN	
Cable	(this is mainly for old car	
(Optional)	models, please use Godiag	
	general software to diagnose)	
Audi 4-PIN	To diagnose Audi with 4PIN	
Cable		
(Optional)		

Ignition Lighter Cable (Standard)	To diagnose device for power supply	
USB Line (Standard)	To connect A500.G3 scanner with the pc	

# **3. Operation Condition**

**Godiag M8** needs to connect with PC to realize diagnostic and other functions, the minimum computer requirements to execut the Godiag M8 diagnostic software is as follows.

Item	Details
Processor	Pentium3/1GHz or higher
RAM	At least 1G or higher
Hard Disk Drive	160G or higher
Operation system	Microsoft Window XP Professional (Version 2002)
Networking/Communication	Integrated or installer 802.11b/g WiFi certified
	wireless network card
	-USB 2.0
Graphic	Resolution 800X600 or higher

# 4. Usage Instruction

## 4.1 Godiag M8 Software Installation and Configuration

Note

The Instruction on the software and operation system setting in this manual are applicable on

Microsoft Windows XP professional Only.

#### 4.1.1 Steps of Godiag M8 software Installation

1,Double click 【Godia\_Setup\_V2.9.exe】 which is contained in the CD-ROM.



### 2, Choose Setup Language then Click 【OK】



3, On the Welcome page ,Press "Next" button to continue the installation or press "Cancel" to abort installation.

Godiag - InstallShield Wizar	d	×
	Welcome to the InstallShield Wizard for Godiag	
	The InstallShield Wizard will install Godiag on your computer. To continue, click Next.	
	< Back Next > Cancel	

4, Install System Request, Click 【Next】

Godiag - InstallShield Wizard	$\mathbf{X}$
System Request	
Following is software Requested system version:	
 Microsoft Windows XP Professional Version 2002	<u>^</u>
Service Pack 3	
After the installation is complete, the system version, if not the requirements, the system may not start. If you can not start, please refer to the manual solution	~
	>
InstallShield <u>Rack</u> <u>N</u> ext >	Cancel

5, Ready to install the program, Click 【Install】

Godiag - InstallShield Wizard	$\mathbf{X}$
<b>Ready to Install the Program</b> The wizard is ready to begin installation.	
Click Install to begin the installation.	
If you want to review or change any of your installation settings, click Back. I the wizard.	Click Cancel to exit
InstallShield	Cancel

6, Setup Status. After you that, you will see the page with progress bar moves along the installation. Click the "cancel" button if you want to abort the installation.

Godiag - InstallShield Wizard	$\mathbf{X}$
Setup Status	No.
Godiag is configuring your new software installation.	
InstallShield	Cancel

### 7, Install CP210X VCP Drives, Click 【Next】

Silicon Laboratories CP210x VCP Drivers for Windows XP/2003 Server/Vi 🔀				
	Welcome to the InstallShield Wizard for Silicon Laboratories CP210x VCP Drivers for Windows XP/2003 Server/Vista/7 v6.4			
	The InstallShield Wizard will copy Silicon Laboratories CP210x VCP Drivers for Windows XP/2003 Server/Vista/7 v6.4 onto your computer. To continue, click Next.			
	< Back Next > Cancel			

7.1 Sign CP210X VCP Drivers License Agreement, Single Click [I accept the terms of license agreement], Click [Next]

Silicon Laboratories CP210x VCP Drivers for Windows XP/2003 Server/Vi	$\mathbf{x}$
License Agreement Please read the following license agreement carefully.	
END-USER LICENSE AGREEMENT IMPORTANT: READ CAREFULLY BEFORE AGREEING TO TERMS SILICON LABORATORIES INC., SILICON LABORATORIES INTERNATIONAL PTE. LTD., AND THEIR AFFILIATES (COLLECTIVELY, "SILICON LABS") HAVE DEVELOPED CERTAIN MATERIALS (E.G., DEVELOPMENT TOOLS, EXAMPLE CODE, EMBEDDABLE CODE, DLLs, SOFTWARE/COMPUTER PROGRAMS AND OTHER THIRD PARTY PROPRIETARY MATERIAL) ("LICENSED MATERIALS") THAT YOU MAY USE IN CONJUNCTION WITH SILICON LABS' MCU PRODUCTS. ANY USE OF THE LICENSED MATERIALS IS SUBJECT TO THISS END-USER LICENSE ON ACCEPT the terms of the license agreement I do not accept the terms of the license agreement	]
InstallShield <u>American Cancel</u>	

#### 7.2 Choose CP210X VCP Drivers Destination Location

Silicon La	aboratories CP210x VCP Drivers for Windows XP/2003 Server/Vi	×
	e Destination Location folder where setup will install files.	
	will install Silicon Laboratories CP210x VCP Drivers for Windows XP/2003 /Vista/7 v6.4 in the following folder.	
	tall to this folder, click Next. To install to a different folder, click Browse and select er folder.	
c:\	ination Folder \MCU\CP210x\Windows_XP_S2K3_Vista_7_2 Browse	
InstallShield	< <u>B</u> ack <u>N</u> ext > Cancel	

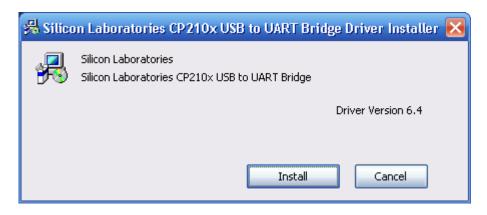
7.3 Ready to Install the CP210x VCP Drives.

Silicon Laboratories CP 210x VCP Drivers for Windows XP/2003 Server/Vi 🔀
Ready to Install the Program The wizard is ready to begin installation.
Click Install to begin the installation.
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
InstallShield <u>&lt; B</u> ack <u>Install</u> Cancel

7.4 Finish installing of CP210x VCP Drives, Click 【Finish】

Silicon Laboratories CP210x VCP Drivers for Windows XP/2003 Server/Vista/			
	InstallShield Wizard Complete The InstallShield Wizard has successfully copied the Silicon Laboratories CP210x VCP Drivers for Windows XP/2003 Server/Vista/7 v6.4 to your hard drive. The driver installer listed below should be executed in order to install drivers or update an existing driver. ✓ Launch the CP210x VCP Driver Installer. Click Finish to complete the Silicon Laboratories CP210x VCP Drivers for Windows XP/2003 Server/Vista/7 v6.4 setup.		
< <u>B</u> ack <b>Finish</b> Cancel			

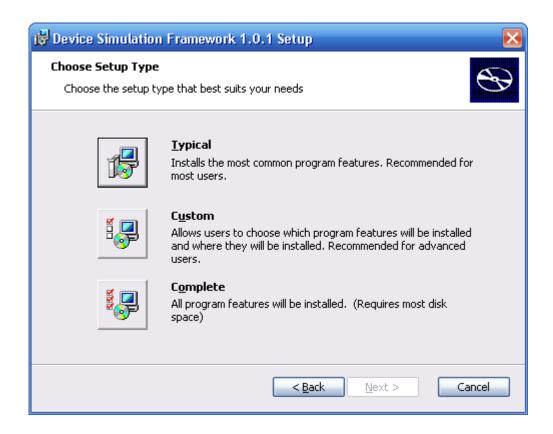
- 8, Install CP210x USB to UART Bridge Driver
- 8.1 Click [Install], if prompted need to restart the computer, choose later to restart.



- 9, Install Auxiliary Driver(Simulation Framework)
- 9.1 Click [Next]



9.2 Choose Simulation Framework Setup Type, Choose [Typical], Click [Next]



#### 9.3 Ready to install Simulation Framework, Click 【Install】

🔡 Device Simulation Framework 1.0.1 Setup
Ready to Install         The Setup Wizard is ready to begin the Typical installation
Click Install to begin the installation. If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
< <u>B</u> ack Install Cancel

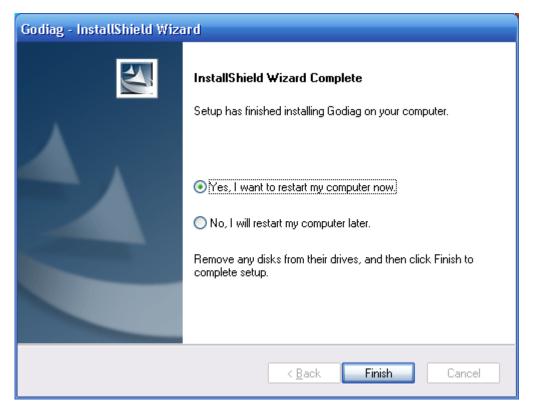
9.4 Installing Simulation Framework, Click 【Install】

😥 Device Simulation Framework 1.0.1 Setup				
Installing Device Simulation Framework 1.0.1				
Please wait while the Setup Wizard installs Device Simulation Framework 1.0.1. This may take several minutes.				
Status: Writing system registry values				
< <u>Back</u> <u>N</u> ext > Cancel				

9.5 Finish Installing Simulation Framework, Click [Finish]. If Prompted need to restart the computer, choose later to restart.

🛃 Device Simulation Framework 1.0.1 Setup 🛛 🔀			
	<b>Completing the Device</b> <b>Simulation Framework 1.0.1</b> <b>Setup Wizard</b> Click the Finish button to exit the Setup Wizard.		
	< <u>B</u> ack <b>Einish</b> Cancel		

10, Finish Installing Godiag Software, please restart the computer, Click [Finish]



#### 11, Launching Godiag Software

After the installation is completed, you can launch the programm by launch the shortcut from the start meau or from the desk. The following two figure are the screetshots of the shortcut.



#### 4.1.2 Godiag M8 Software Using Instructions

1, Runing Godiag M8 diagnose software, then enter the Godiag M8 Hardware ID, the

Hardware ID can find in the CD enclosed.



2, Verify whether the hardware is connect.





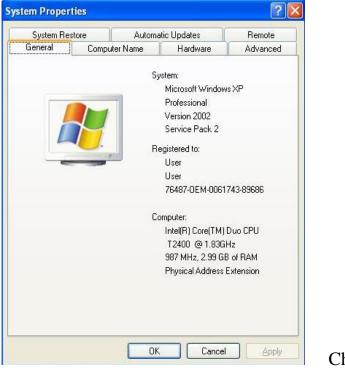
#### 4.1.3 Ways to checking the Hardware/PC Connection is Good.

**Important!** The following is to check whether the Hardware/PC connection is good.

5		3
L. I	Ay Techstream a500g3.txt	
Con	Open	
	Explore	
	Search	
Recy	Manage	
	Map Network Drive	
l	Disconnect Network Drive	
SDr	Create Shortcut	
GEA	Delete	
	Rename	
	Properties	
I	nto Diagnostic	
	System	

### Right click 【My Computer】, then choose

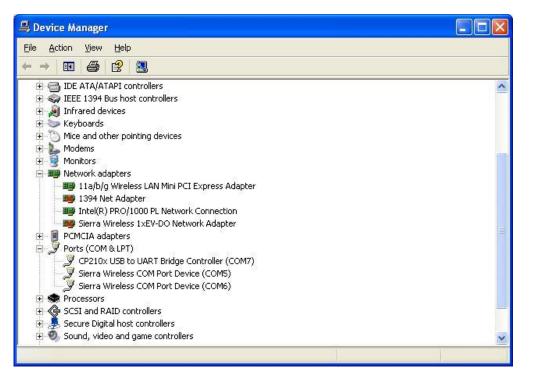
### (Properties)





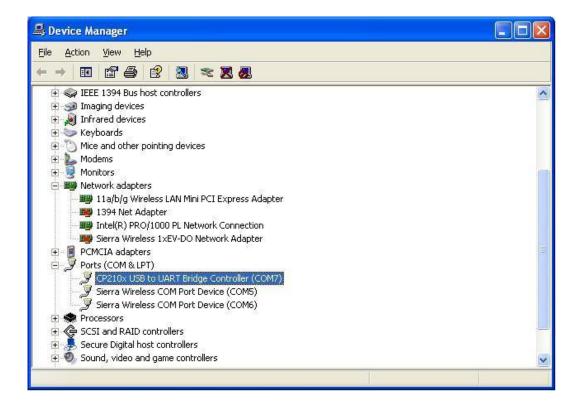
System Res	tore A	Automatic Updates	Remote	
ieneral 📗	Computer Nan	ne Hardware	Advanced	
evice Manag	The stars of the second states are a second state			
		lists all the hardware de e the Device Manager t		
	erties of any devic		-	
		Device	e Manager	
rivers				
Driv	er Signing lets you	make sure that installe	d drivers are	
	compatible with Windows. Windows Update lets you set up how Windows connects to Windows Update for drivers.			
10%	windows conniec		for drivers.	
	Driver Signing	( <u></u> indov	ws Update	
lardware Pro	iles			
👝 Har	dware profiles prov	ride a way for you to sel	t up and store	
👝 Har			t up and store	
👝 Har	dware profiles prov	figurations.		
👝 Har	dware profiles prov	figurations.	t up and store are <u>P</u> rofiles	

Click [Device Manager]



Click [Ports].

The Hardware/PC connection is good if the following port appears.

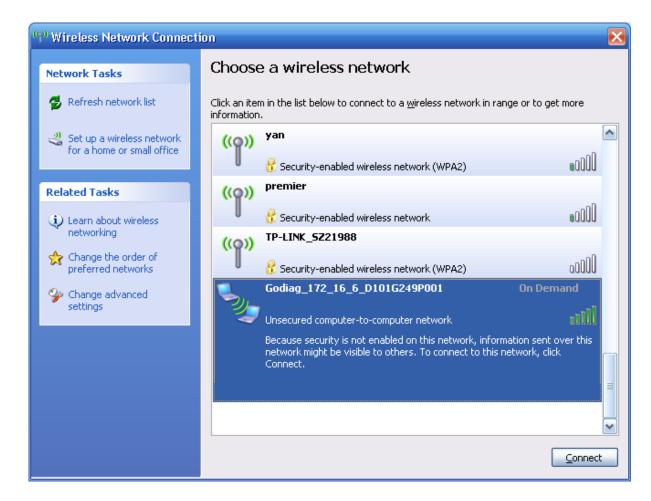


## 4.2 Wireless Communication

#### 4.2.1 TCP/IP Setting on computer wireless device.

- 1, From the desk go to "Start"→"Control Panel"→"Network Connection"
- 2, Right Click on the "Wireless Network Connection" and Click "View Available Wireless

Networks" to check the available wireless networks.



3, Click "Godiag\_172\_16\_6\_D101G249P001" network

 Godiag\_172\_16\_6\_D101G249P001 means for
 "

 ⊙ Product Name
 : Godiag

 ⊙ IP Address Segment
 : 172\_16\_6

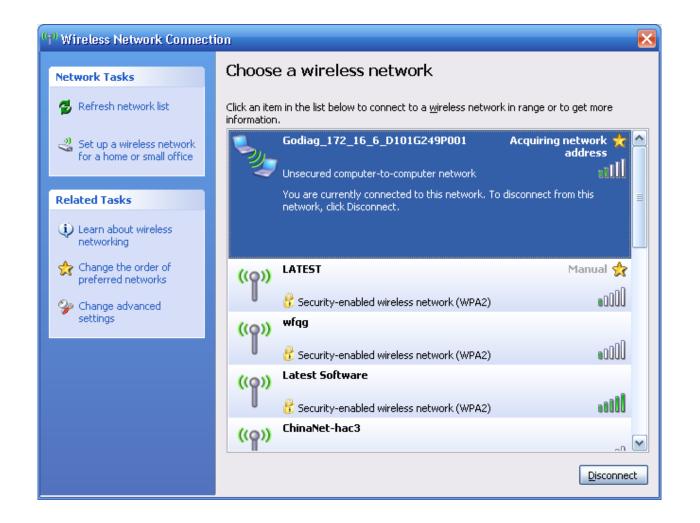
 ⊙ Godiag IP Address(D101)
 :172.16.6.101

 ⊙ Gateway IP Address(g249)
 :172.16.6.249

 ⊙ PC IP Address(P001)
 :172.16.6.1

4, Wireless Network Connection, Click "Connect".

 $^{\prime\prime}$ 



5, Click" Change advanced Settings", and then right click on the "wireless network connection" and click "Properties".

The "wireless Network Connection Properties" will appear .On the "General" tab go to the "This Connection uses the following items:"and scroll down the list and select the "Internet Protocol(TCP/IP)."

🕹 Wirel	ess Network Con	nection Prope	erties 🛛 🕐 🔀		
General	Wireless Networks	Advanced			
Connec	t using:				
BB A	theros AR5B97 Wire	less Network Ar	Configure		
This c <u>o</u>	nnection uses the foll	owing items:			
2 7	Image: Second state of the second				
<		1111			
	nstall	<u>U</u> ninstall	Properties		
Desci					
wide	Transmission Control Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks.				
<ul> <li>Show icon in notification area when connected</li> <li>Notify me when this connection has limited or no connectivity</li> </ul>					
	OK Cancel				

6, Then Click "Properties" button which is placed on the bottom right of the item list box.



7, Now you will have the "Internet Protocol (TCP/IP) Properties" window and set the IP address, Subnet Mask and Default gateway as follows. The input boxes of the "Preferred DNS server" and the "Alternate DNS server" is to be left blank.

General	
	ed automatically if your network supports need to ask your network administrator for
Obtain an IP address auto	omatically
Ose the following IP address	ess:
IP address:	172 . 16 . 6 . 1
S <u>u</u> bnet mask:	255.255.255.0
<u>D</u> efault gateway:	172 . 16 . 6 . 249
Obtain DNS server addre	ess automatically
• Use the following DNS se	erver addresses:
Preferred DNS server:	
<u>A</u> lternate DNS server:	
	Ad <u>v</u> anced
	OK Cancel

Note
------

<u>Important!</u> The IP address and Default gateway number is not unchangeable , every units have different IP address and Default Gateway number. The details you can reference the sticker in outer packing.

8, When you done with inputting the number click "OK" button on all windows.



9, On the "Wireless Network" tab under the "wireless Network Connection Properties" window go to "Automatically connect to available network in the order listed

below( Godiag\_172\_16\_6D101G249P).

🕹 Wireless Network Connection Properties 🛛 🔹 🔀
General Wireless Networks Advanced
✓ Use <u>W</u> indows to configure my wireless network settings
Available networks:
To connect to, disconnect from, or find out more information about wireless networks in range, click the button below.
View Wireless Networks
Preferred networks: Automatically connect to available networks in the order listed below:
Godiag_172_16_6_D101G249P Move up
Move <u>d</u> own
<u>A</u> dd <u>R</u> emove <u>Properties</u> Learn about <u>setting up wireless network</u> <u>Advanced</u>
Close Cancel

10, Then Click "Properties" button which is placed on the bottom right of the item list box.

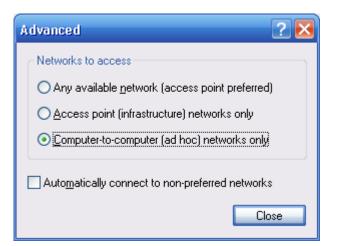
11, Setting the" Internet Authentication" and "Data encryption" as follows, and then Click "OK" button.

Godiag_172_16_6_D10	1G249P001 properties 🛛 🕐 🔀
Association Authentication	Connection
Network <u>n</u> ame (SSID):	Godiag_172_16_6_D101G249P001
Connect even if this r	network is not broadcasting
Wireless network key-	
This network requires a k	ey for the following:
Network <u>A</u> uthentication:	Open 💌
Data encryption:	Disabled 💌
Network <u>k</u> ey:	
Confirm network key:	
Key inde <u>x</u> (advanced):	1
The key is provided for	or me automatically
✓ This is a <u>c</u> omputer-to-co access points are not us	mputer (ad hoc) network; wireless sed
	OK Cancel

Godiag_172_16_6_D101G249P001 properties 🛛 🕐 🔀
Association Authentication Connection
Automatic connection
Whenever this network is detected, Windows can connect to it automatically.
Connect when this network is in range
OK Cancel

12, On the "Wireless Network" tab under the "wireless Network Connection Properties" window, Click " Advanced" Button on the bottom right of the item list box., and then setting as follows. Click the "Close" and "OK" button.

🕹 Wireless Network Connection Prope	rties 🛛 🥐 🔀
General Wireless Networks Advanced	
✓ Use <u>W</u> indows to configure my wireless netw	ork settings
-Available <u>n</u> etworks:	
To connect to, disconnect from, or find out m about wireless networks in range, click the bu	
View Wi	ireless Networks
Preferred networks: Automatically connect to available networks i below:	n the order listed
Godiag_172_16_6_D101G249P	Move <u>up</u>
	Move <u>d</u> own
Add <u>R</u> emove Pr <u>o</u> perti	es
Learn about <u>setting up wireless network</u> <u>configuration.</u>	Advanced
Clos	e Cancel



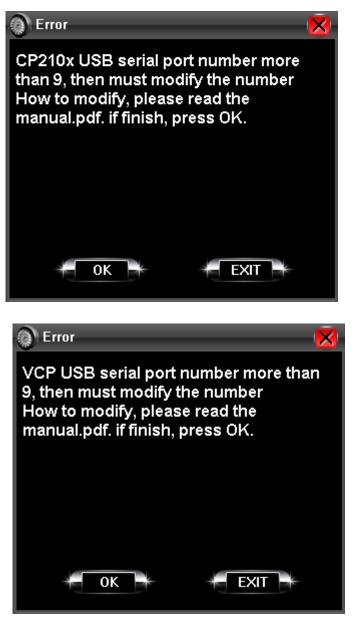
#### 4.2.2 Problems might be met when Wifi Setting and the ways to solve .

1, Warning during setting Wifi.



When runing the programm that appears the following hints, it should to modify the

CP210X and VCP Port.



- 2, The solution to solve the problems.
- 2.1 Rigth Click" My computer" and click "Properties", then go to "hardware' tab.

System Properties		? 🔀
System Restore Au	tomatic Updates	Remote
General Computer Name	Hardware	Advanced
Device Manager		
	ts all the hardware devic he Device Manager to cl	
	<u>D</u> evice M	anager
Drivers		
	ake sure that installed d s. Windows Update lets to Windows Update for	you set up
Driver <u>S</u> igning		Jpdate
Hardware Profiles		
Hardware profiles provid different hardware config		and store
	Hardware	Profiles
	OK Cancel	Apply

2.2 Find "Device Manager" and then click, find the "CP210X" or"VCP" Port

System Properties	? 🔀
System Restore Automatic Updates Remot	
General Computer Name Hardware Advance	
Device Manager         The Device Manager lists all the hardware devices installed on your computer. Use the Device Manager In change the properties of any device.         Device Manager         Drivers         Drivers         Driver Signing lets you make sure that installed drivers are compatible with Windows. Windows Update lets you set up how Windows connects to Windows Update for drivers.         Driver Signing         Windows Update	
Hardware Profiles  Hardware profiles provide a way for you to set up and store different hardware configurations.  Hardware Profiles	]
OK Cancel AF	ply

💄 Device Manager 📃 🗖 🔀
<u>File Action View Help</u>
PC2012042813BEB   Batteries   Computer   Disk drives   Display adapters   DVD/CD-ROM drives   DVD/CD-ROM drives   IDE ATA/ATAPI controllers   Imaging devices   Keyboards   Monitors   Monitors   Ports (COM & LPT)   SCSI and RAID controllers   ScSI and RAID controllers   ScSI and RAID controllers   Secure Digital host controllers   System devices   Universal Serial Bus controllers

2.3 Right click "Silicom Labs CP210X USB to URAT Bridge" or "VCP" Port, and Click"Properties" and then go to "Port Setting" Tab.

Silicon Labs CP 210x USB to UART Bridge (COM4) Prope ? 🔀
General Port Settings Driver Details Power Management
Bits per second: 9600
Data bits: 8
Parity: None
Stop bits: 1
Elow control: None
Advanced <u>R</u> estore Defaults
OK Cancel

#### 2.4 Click "Advanced" Button

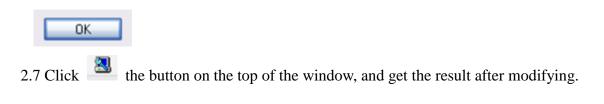
Silicon Labs CP 210x USB to UART Bridge (COM4) Prope ? 🖡
General Port Settings Driver Details Power Management
Bits per second: 9600
Data bits: 8
Parity: None
Stop bits: 1
Elow control: None
<u>A</u> dvanced <u>R</u> estore Defaults

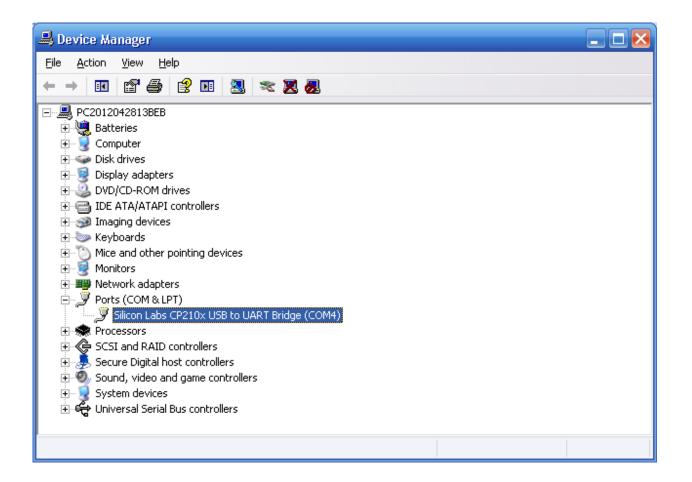
Advanced Settings for COM11	? 🔀
✓ Use FIFO buffers (requires 16550 compatible UART)         Select lower settings to correct connection problems.         Select higher settings for faster performance. <u>R</u> eceive Buffer: Low (1)                        High (14)	OK Cancel Defaults
COM <u>P</u> ort Number: COM11	

2.5 Modify "COM Port Number" to less than 10.

Advanced Settings for COM11         Image: Use FIFO buffers (requires 16550 compatible UART)         Select lower settings to correct connection problems.         Select higher settings for faster performance.         Beceive Buffer:       Low (1)	OK Cancel Defaults	
Iransmit Buffer: Low (1)	16) (16)	
COM Port Number:		

2.6 Click "OK" Button and compelete modifying.





2.8 When appearing the following indication when modifying serial port, please Choose"YES" button.

Commu	nications Port Properties
٩	This COM name is being used by another device (such as another com port or modem). Using duplicate names can lead to inaccessible devices and changed settings. Do you want to continue?
Commu	nications Port Properties
8	The port has been opened by another application. Renaming the port may have an unpredictable effect on the other application. Do you wish to continue?

## **5.**Solutions during installing

If the computer can not start up after install the programm, the followsing ways are to solve the problems:

When start up the computer and enter into the staring up screen, press "F8" button and waiting the screen appearing the setup button,then choose " (Last Known Good Configuration (your most recent settings that worked))".When you choose this setup button, it means your computer can not run this version software.

## 6.Upgrade

### 6.1 Software Upgrade

Please to contact the seller to get the latest software and update information or download the latest software from the website.

### 6.2 Hardware Upgrade

**Important!!** When during the upgrade, you must keep the power on all the time. If the power off during upgrade, it will make the multiplexer broken or cannot upgrade.

- 1, Connect the multiplexer to laptop via USB cable, and insure the light is on.
- 2, Run the diagnose software.



3, Press "Reset" button until the power light flashing, then the power light color to blue color.After then can upgrade hardware.( The details please see the update video).

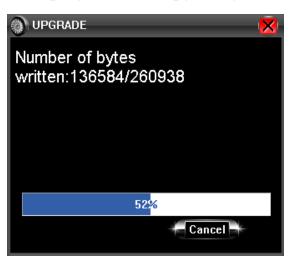
4, Press the "UPGRADE" button on the diagnose software interface to upgrade.



5,Please brose the hardware upgrade file( normal is TXT file) in your laptop, and then press "begin" to upgrade.



6, The programmer is upgrading the Hardware



7, Waiting 5-10 minutes, the upgrade programmer will indicate upgrade success. To reset the

hardware, then finish upgrade hardware.



## 7. Maintenance and Service

## 7.1 Limit Range of Maintenance Service

1. Problem caused by the quality of the machine in correct use can be partially solved by Latest Company during the guarantee time.

2. When there is problem on our instrument, contact the distributor directly. Latest Company has after sales engineers in each big and middle city in our country through strictly select and

excellent training, which will offer high efficiency and good quality service.

3. Guarantee time refers to the period Latest Company sells the product. Detailed guarantee information consult system record of Latest Company.

4. Users keep the guarantee card and purchasing voucher distributor open when sell instrument carefully. When the instruments need to be repaired, the vouchers mentioned above are regarded as guarantee proof.

5. Register the instrument in time. Guarantee time start from the register date system record.

6. Repaired instrument still enjoy maintenance service in warranty time. If warranty time will

be end in three months, replaced spare parts enjoy three-month maintenance since replace.

7. Spare parts replaced in maintenance period belong to Latest Company.

8. Users should take responsibility for the safety of data. Before maintenance, users backup the data and program automatically. Latest Company and our distributors don't take any responsibility for destruction or loss of data, program or memory medium.

### 7.2 Out of Guarantee Range

- 1. Technology problem of non-hardware
- Users replace components by themselves or the components not belong to Godiag and they don't buy from Godiag or our distributors.
- 2. Consume material (such as instrument appearance, natural consume and aging caused by inserting and taking out components)
- 3. Trouble and destruction caused by wrong installation, operation (for example, pull out data cable with electricity), or work condition which is not suitable for instrument(such as too high or too low temperature, too humidity or dryness, too high altitude, unstable voltage or

current, ground voltage too big )

- 4. Destruction caused by accident, abuse (including excess working load), misuse.
- 5. Destruction caused by keeping improperly, such as rat scourge, liquid in leakage.
- 6. Destruction caused by using self-program or non-publicly publishing software.
- 7. Computer virus infected by improper maintenance.
- 8. Trouble and destruction caused by installation and using non-standard extension card.
- 9. Trouble and destruction caused by removing and repairing without technical people's advice or self-changing or abusing.
- 10. The trouble or destruction caused by human beings or natural disaster.



## **THANKS FOR USING GODIAG PRODUCTS!**