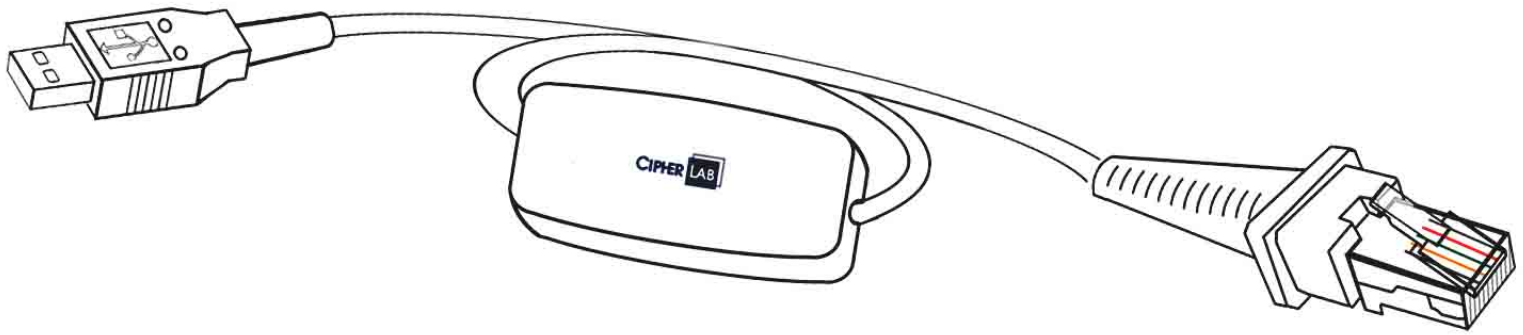


# CipherLAB 308 USB Virtual COM Interface Installation Guide

**CIPHER LAB**



*Reserved.*

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This is version 1.02

For detailed information, please refer to section Revision History.

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# STATEMENTS

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## *Technical Support*

For product consultancy and technical questions, please contact your local sales representative. For more information, please visit our website.

<http://www.cipherlab.com>

## *FCC Regulations*

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## *Technical Standards*

This device has been tested and found in compliance with relevant standards regarding electro-magnetic compatibility in the following specific region:

<b>Certification Mark:</b>	<b>Region:</b>	
	European Economic Area	(EN 55022/EN 55024)
	USA	FCC is the EMC authority.
	Japan	VCCI is the EMC authority.
 N1181	Australia	ACA is the EMC authority.
 T33354	Taiwan	BSMI is the EMC authority.

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# REVISION HISTORY

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<i>Version</i>	<i>Release Date</i>	<i>Notes</i>
1.00	Mar. 18, 2005	Official release
1.01	Mar. 18, 2005	Revised accordingly.
		Pages "Contents", 1 and 5: Windows 98se instead of 98
		Page 16: Replace the last screenshot in section 4
1.02	Mar. 24, 2005	Page "Statements": Add certification marks.

# 1. INTRODUCTION

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The 308 USB Virtual COM Interface provides the USB interface to any of the CipherLAB products, such as scanners, terminals, cradles, etc.

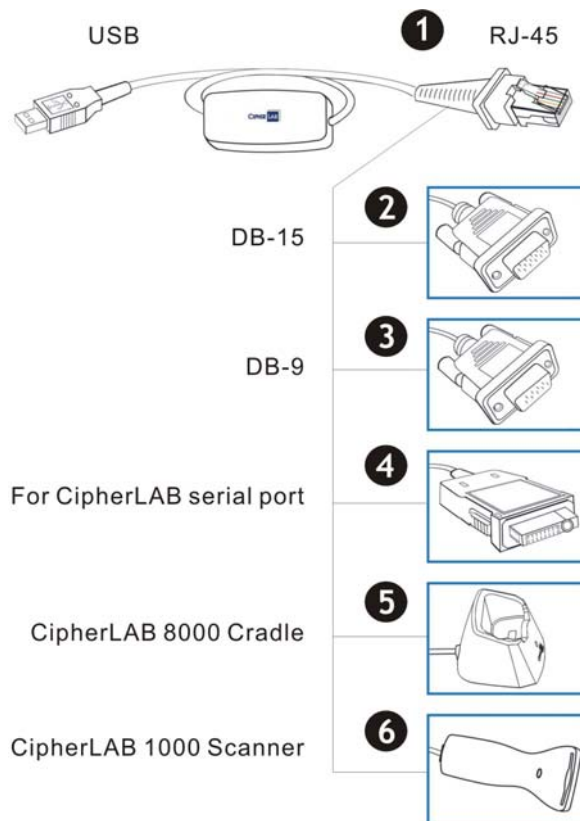
The product fully complies with USB 2.0 specification and supports Windows 98se/Me/2000/XP. It ships with a disk containing its driver and this installation guide.

Again, we thank you for choosing the CipherLAB products!

## 1.1 Options

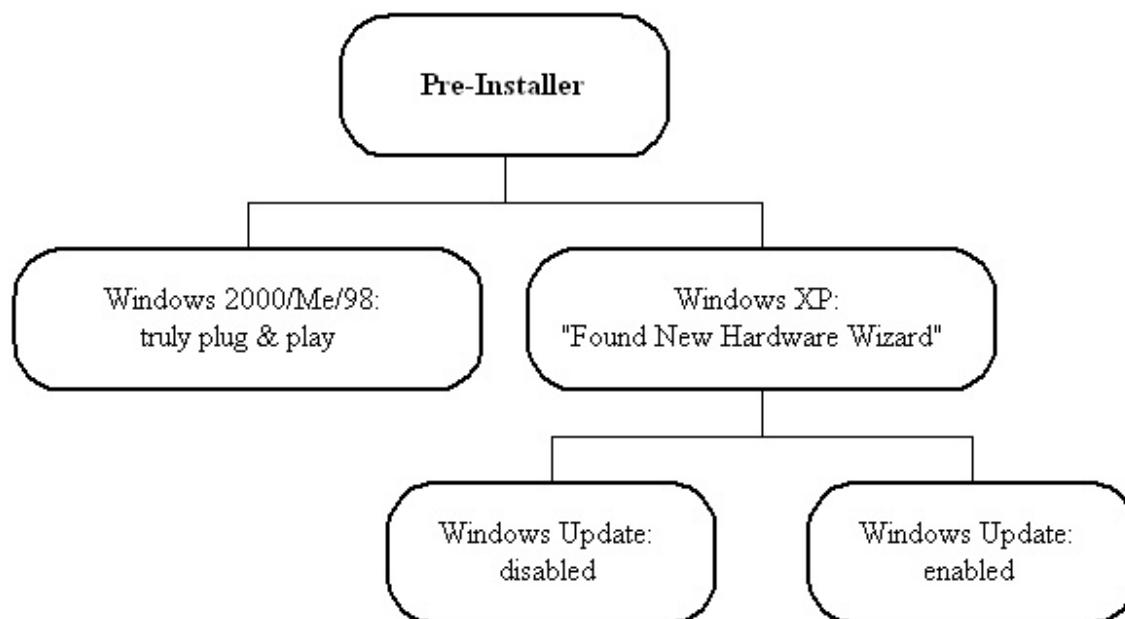
Depending on your order, it may serve as a converter for

- USB to RJ-45
- USB to DB-9
- USB to DB-15
- USB to CipherLAB serial
- USB to CipherLAB 8000 Cradle
- USB to CipherLAB 1000 Scanner



## 1.2 Flow Chart of Installation

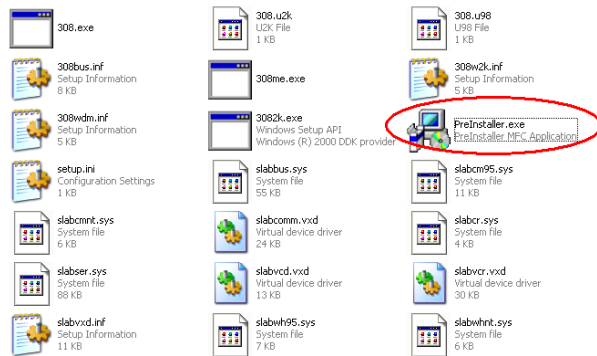
According to your Windows system, follow relevant instructions in the manual to complete the installation.



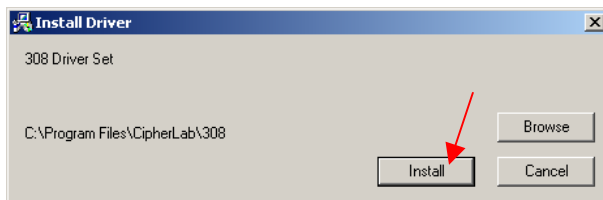


## 2. PRE-INSTALLER

The “Pre-Installer” program is available in the driver package to help add the 308 USB Virtual COM Interface to your Windows system.



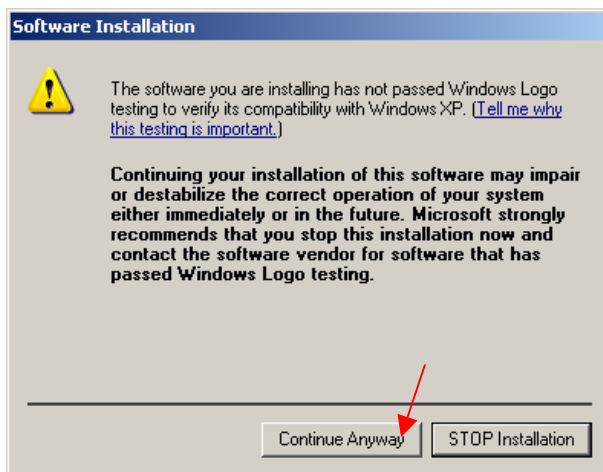
Execute program:  
Pre-Installer.exe



Click “Install” to install the  
“308 Driver Set” to the  
specified destination folder.



*For a different destination, click “Browse” to specify. This will appear for Windows XP only.*

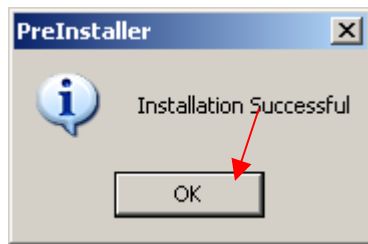


Click “Continue Anyway” as  
confirmation to continue the  
installation.

Click “Continue Anyway”  
again.



*This will appear for Windows XP only.*



The installation has been done successfully.

Click "OK" to exit.

After the driver being installed successfully to your system, connect the USB connector to PC.

Depending on the version of your Windows system, the system will auto detect this new hardware and decide whether "Found New Hardware Wizard" is needed or not. Proceed to next section for more information.

## 3. WINDOWS SYSTEMS

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### 3.1 Windows 2000/Me/98se

For the following Windows systems, the 308 USB Virtual COM Interface is a truly plug-and-play device.

- Windows 2000
- Windows Me
- Windows 98se

#### *After successful installation of the driver (Pre-Installer.exe)*

1. Connect the USB connector to PC.
2. The system will add the “308 USB Virtual COM Interface” automatically.

There is no need going through the “Found New Hardware Wizard”, and no user intervention is required as well.

### 3.2 Windows XP

#### *After successful installation of the driver (Pre-Installer.exe)*

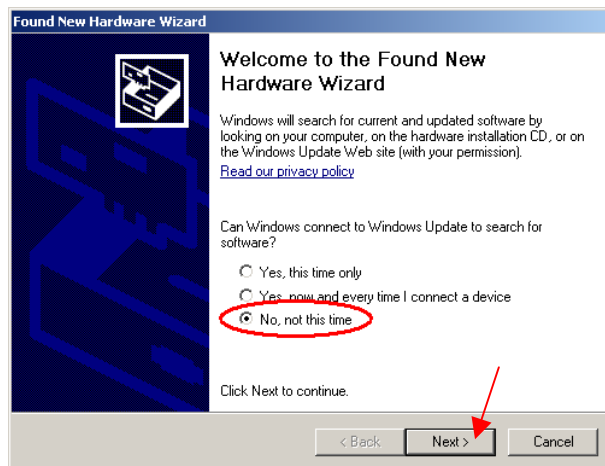
1. Connect the USB connector to PC.
2. The “Found New Hardware Wizard” will instruct how to add the “308 USB Virtual COM Interface” as follows.
  - Step 1: Install software for 308 USB controller
  - Step 2: Install software for 308 virtual COM port



**The “Found New Hardware Wizard” has to run twice to install first the 308 USB controller and then the 308 virtual COM.**

## 3.2.1 Windows Update Disabled

### *Step 1: Install Software for 308 USB Controller*



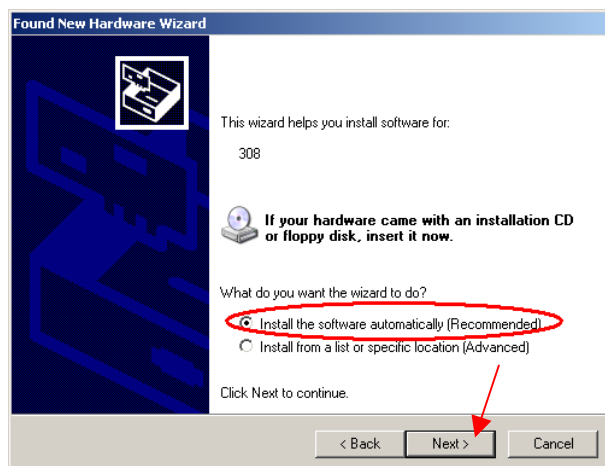
There is no need connecting to Windows Updates to search for software.

Select "No, not this time."

Then click "Next" to continue.

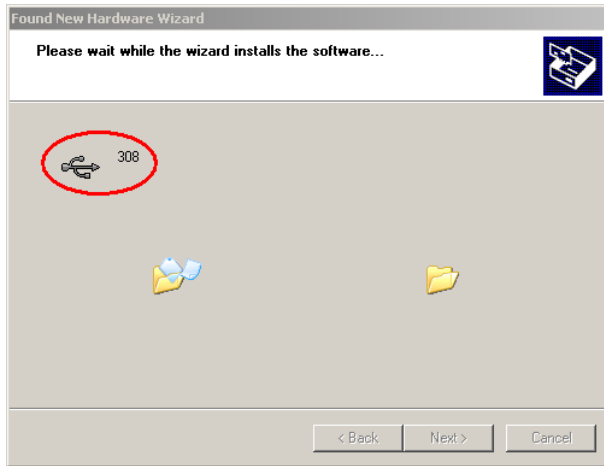


**Once "Yes, now and every time I connect a device." is selected when the first time the wizard pops up, this screen will not appear ever after. See 3.2.2.**

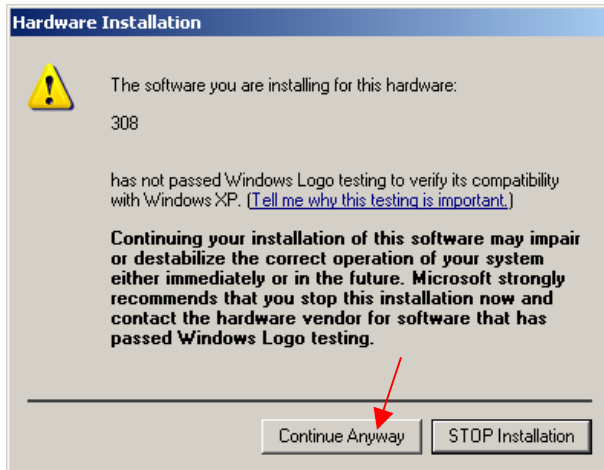


Select "Install the software automatically."

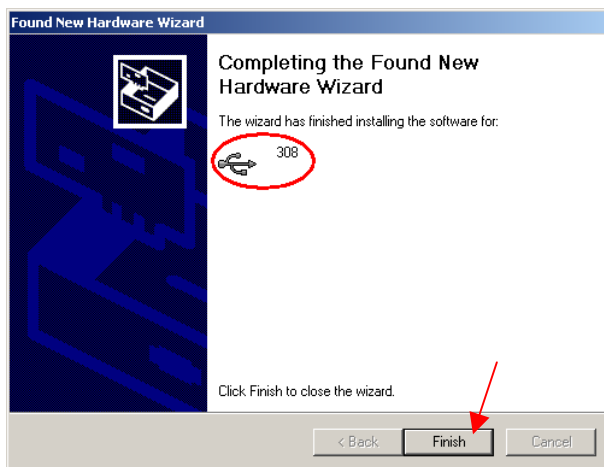
Then click "Next" to continue.



The installation of software is in process.



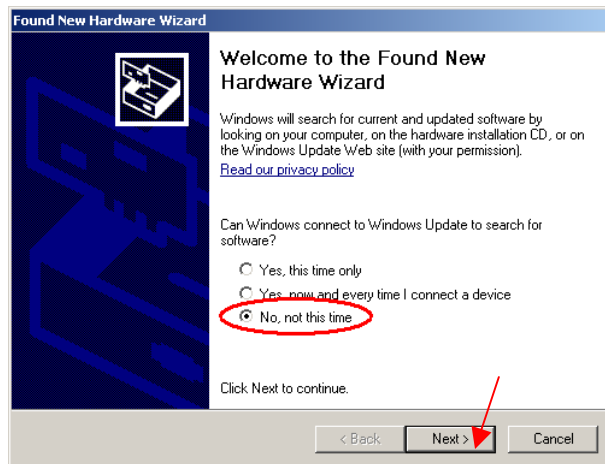
Click "Continue Anyway" as confirmation to continue the installation.



The installation has been done successfully.  
Click "Finish" to exit.

## Step 2: Install Software for 308 COM Port

After a couple of seconds, the “Found New Hardware Wizard” pops up again.



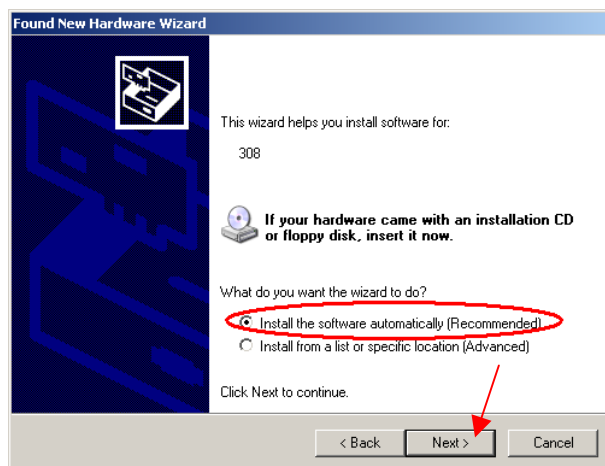
There is no need connecting to Windows Updates to search for software.

Select “No, not this time.”

Then click “Next” to continue.

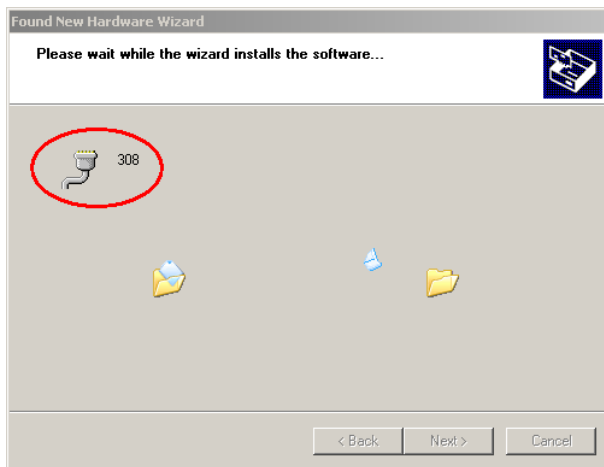


**Once “Yes, now and every time I connect a device.” is selected when the first time the wizard pops up, this screen will not appear ever after. See 3.2.2.**

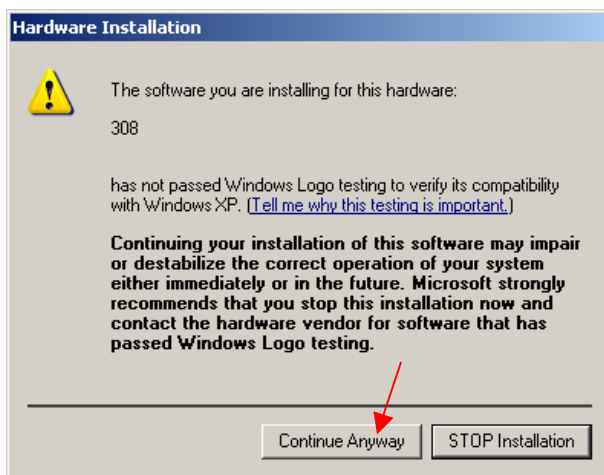


Select “Install the software automatically.”

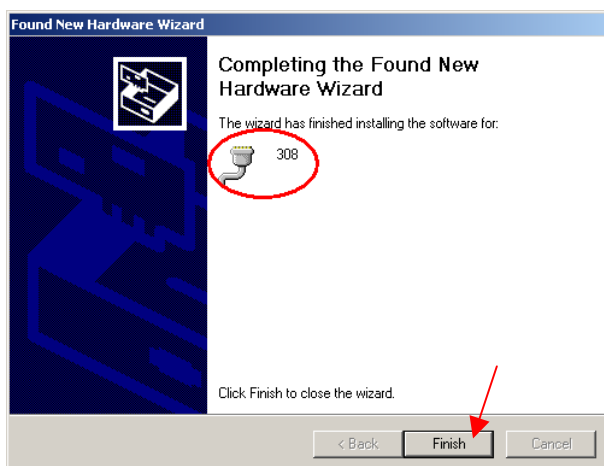
Then click “Next” to continue.



The installation of software is in process.



Click "Continue Anyway" as confirmation to continue the installation.

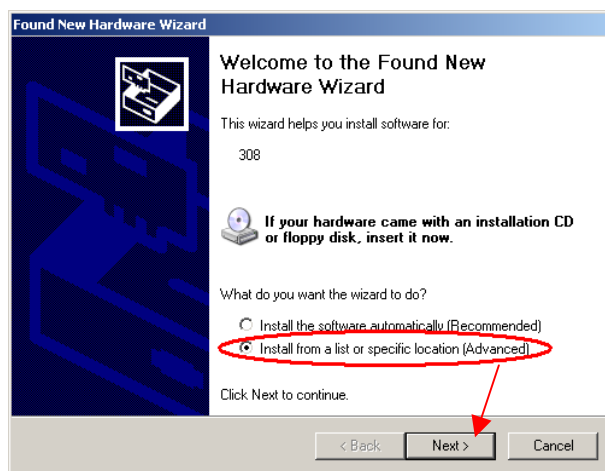


The installation has been done successfully.  
Click "Finish" to exit.

## 3.2.2 Windows Update Enabled

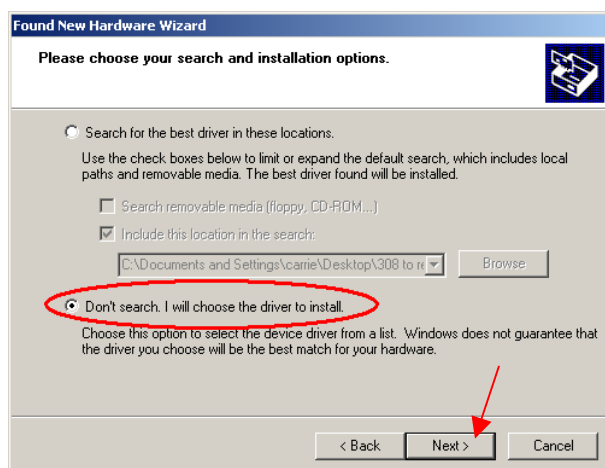
### *Step 1: Install Software for 308 USB Controller*

The system will automatically connect to Windows Update and get ready to search for software.



Select "Install from a list or specific location."

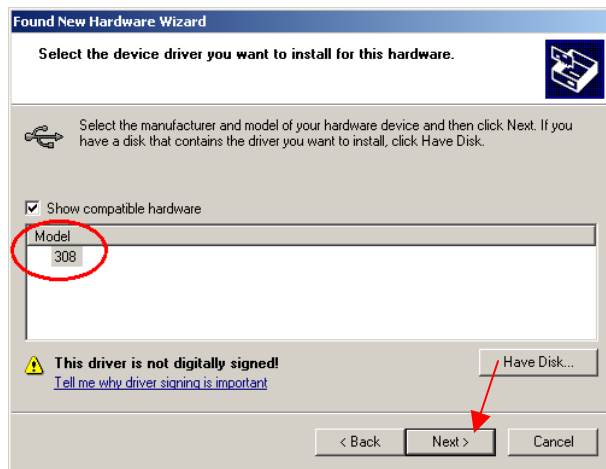
Then click "Next" to continue.



Select "Don't search. I will choose the driver to install."

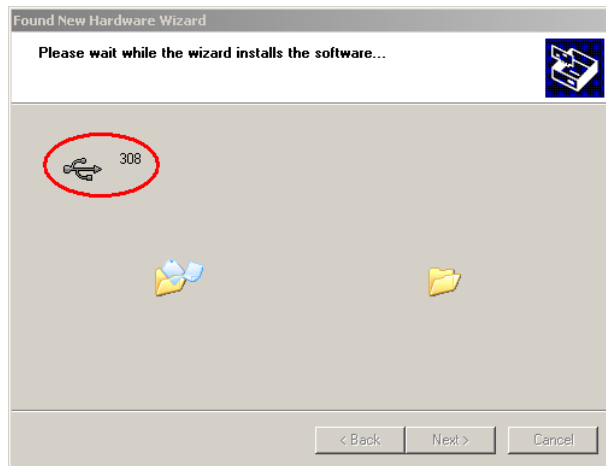
Then click "Next" to continue.



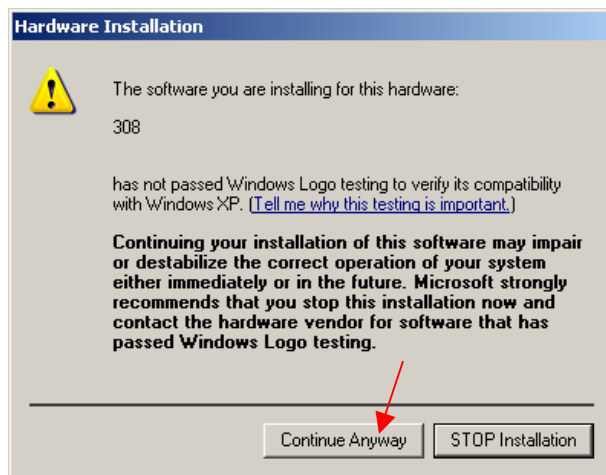


Select the device driver "308".

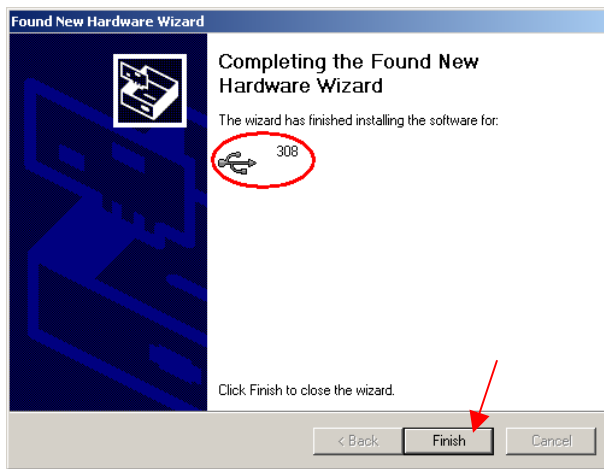
Then click "Next" to continue.



The installation of software is in process.



Click "Continue Anyway" as confirmation to continue the installation.



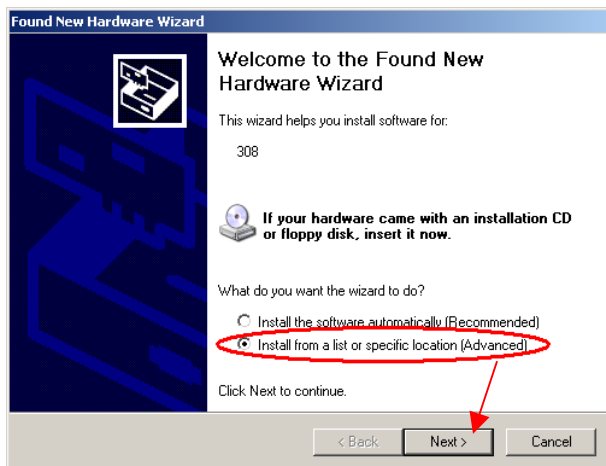
The installation has been done successfully.

Click "Finish" to exit.

## Step 2: Install Software for 308 COM Port

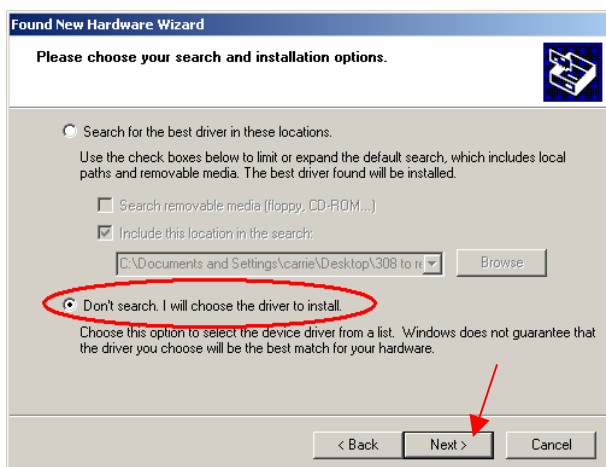
After a couple of seconds, the “Found New Hardware Wizard” pops up again.

The system will automatically connect to Windows Update and get ready to search for software.



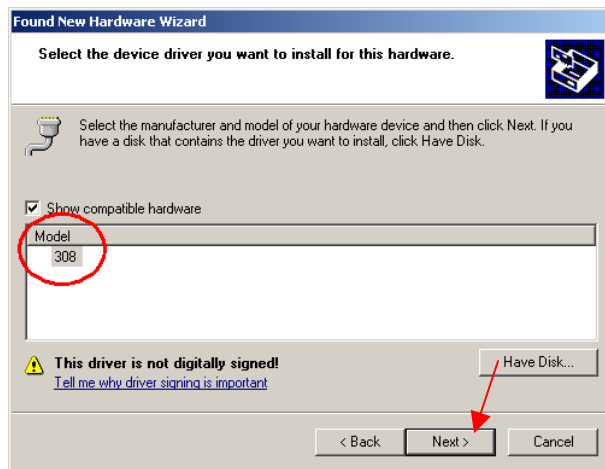
Select “Install from a list or specific location.”

Then click “Next” to continue.



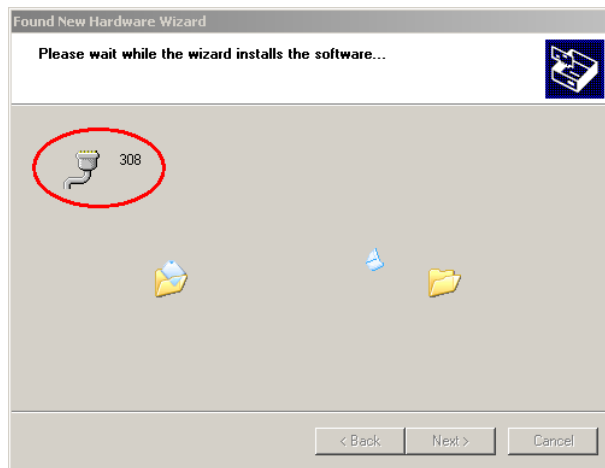
Select “Don't search. I will choose the driver to install.”

Then click “Next” to continue.



Select the device driver "308".

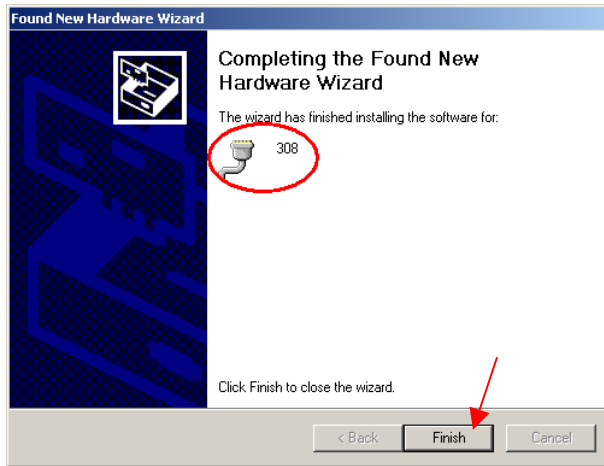
Then click "Next" to continue.



The installation of software is in process.



Click "Continue Anyway" as confirmation to continue the installation.



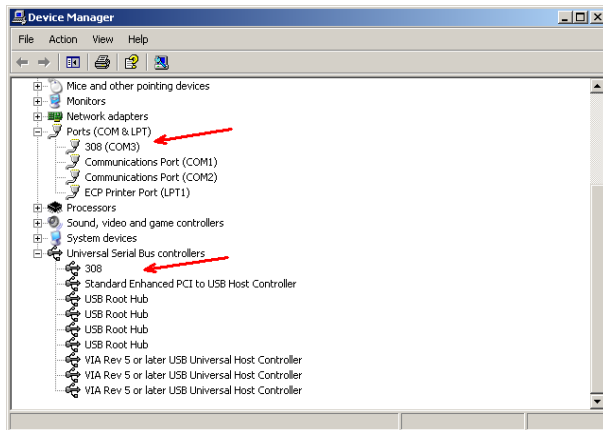
The installation has been done successfully.  
Click "Finish" to exit.

## 4. REMOVAL OF SOFTWARE

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When the installation is completed, you will find the following information from the Device Manager.

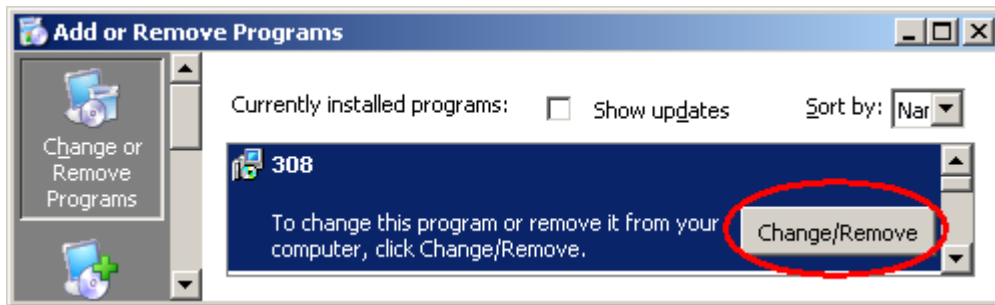
- Ports (COM & LPT): 308
- Universal Serial Bus Controllers: 308



Windows XP:  
Go to the Control Panel and select "System".

From "System Properties", click the "Hardware" tab and then click "Device Manager".

The software will not appear on the program list. To remove this program, go to Control Panel and then select "Add or Remove Programs".



Windows XP:  
Go to the Control Panel and select "Add or Remove Programs".

From the "Change or Remove Programs" tab, click "308" and then the Change/Remove button.

Finally, click to confirm the uninstallation of 308 driver. Manager".