# CipherLAB 308 USB Virtual COM Interface Installation Guide



Reserved.

This is version 1.02

For detailed information, please refer to section Revision History.

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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:

Certificat	tion Mark:	Region:	
CE		European Economic Area	(EN 55022/EN 55024)
FC		USA	FCC is the EMC authority.
VEI		Japan	VCCI is the EMC authority.
<b>C</b> N1181	C-tick Mark	Australia	ACA is the EMC authority.
Этззз54	CNS Mark	Taiwan	BSMI is the EMC authority.

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# **REVISION HISTORY**

Version	Release Date	Notes
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**

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





Introduction

# 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.



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

Software Installation         Image: Software Installation         Image: Software Installation         Image: Software Installation Installatinstallatinstext Installation Installation Installation Installati	Click "Continue Anyway" as confirmation to continue the installation. Click "Continue Anyway" again.	
Continue Anyway STOP Installation		



This will appear for Windows XP only.

Pre-Installer

PreInstaller	The installation has been of successfully.	done
ОК	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

#### 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

Found New Hardware Wizard		
	Welcome to the Found New Hardware Wizard Windows will search for current and updated software by looking on your computer, on the hardware installation CD, or on the Windows Update Web site (with your permission). <u>Read our privacy policy</u>	
	Can Windows connect to Windows Update to search for software? Yes, this time only Yes now and every time I connect a device No, not this time	
	LIICK Next to continue.	
	< Back. Next > Cancel	

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.

Found New Hardware Wizard	
	This wizard helps you install software for: 308 If your hardware came with an installation CD or floppy disk, insert it now.
	What do you want the wizard to do?
	<ul> <li>Install the software automatically (Recommended)</li> <li>Install from a list or specific location (Advanced)</li> </ul>
	Click Next to continue.
	< Back Next > Cancel

Select "Install the software automatically."

Then click "Next" to continue.

Windows XP: Windows Update Disabled



Click Finish to close the wizard.

Finish

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#### Step 2: Install Software for 308 COM Port

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

Found New Hardware Wizard	
Welcome to the Found New Hardware Wizard Windows will search for current and updated software by looking on your computer, on the hardware installation CD, or on the Windows Update Web site (with your permission). Read our privacy policy Can Windows connect to Windows Update to search for software? Pres, this time only Yes, on and every time I connect a device No, not this time Click Next to continue.	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.

Found New Hardware Wizard	
	This wizard helps you install software for: 308 If your hardware came with an installation CD or floppy disk, insert it now.
	What do you want the wizard to do?
	Install the software automatically (Recommended) O Install from a list or specific location (Advanced)
	Click Next to continue.
	< Back Next > Cancel

Select "Install the software automatically."

Then click "Next" to continue.

Windows XP: Windows Update Disabled



The installation of software is in process.





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.

Found New Hardware Wizard		
round new nardware means		Select "Install from a list or
	Welcome to the Found New Hardware Wizard	specific location."
	This wizard helps you install software for: 308	Then click "Next" to continue.
	If your hardware came with an installation CD or floppy disk, insert it now.	
	What do you want the wizard to do?	
	C Install the software automatically (Recommended)	
	<ul> <li>Install from a list or specific location (Advanced)</li> </ul>	
	Click Next to continue.	
	< Back Next > Cancel	
		1
Found New Hardware Wizard Please choose your sea	Ich and installation options.	Select "Don't search. I will choose the driver to install."
C Search for the best of		
Use the check boxes	river in these locations.	Then aliak "Next" to continue
paths and removable	triver in these locations. below to limit or expand the default search, which includes local media. The best driver found will be installed.	Then click "Next" to continue.
paths and removable	triver in these locations. below to limit or expand the default search, which includes local media. The best driver found will be installed. able media (floppy, CD-RGM)	Then click "Next" to continue.
paths and removable Search remov Include this lo	triver in these locations. below to limit or expand the default search, which includes local media. The best driver found will be installed. able media (floppy, CD-ROM) ation in the search:	Then click "Next" to continue.
paths and removable Search remov Include this low C:\Documents	triver in these locations. below to limit or expand the default search, which includes local media. The best driver found will be installed. able media (floppy, CD-ROM) pation in the search: and Settings\carrie\Desktop\308 to rr	Then click "Next" to continue.
paths and removable Search remov I Include this low Dr.\Documents	triver in these locations. teleow to limit or expand the default search, which includes local media. The best driver found will be installed. able media (floppy, CD:ROM) sation in the search: and Settings\carrie\Desktop\308 to r( Browse boose the driver to install.	Then click "Next" to continue.
paths and removable Search remov C:\Documents Don't search. I will of Choose this option to the driver up ochoose	triver in these locations. below to limit or expand the default search, which includes local media. The best driver found will be installed. below media (floppy, CD-ROM) below to intervent the search: below to install. below	Then click "Next" to continue.
paths and removable Search remov ✓ Include this low C:\Documents ✓ Don't search. I will of Choose this option to the driver you choose	triver in these locations. Evelow to limit or expand the default search, which includes local media. The best driver found will be installed. able media (floppy, CD-ROM) sation in the search: and Settings\carrie\Desktop\308 to rt Browse hoose the driver to install. select the device driver from a list. Windows does not guarantee that will be the best match for your hardware.	Then click "Next" to continue.
paths and removable Search remov ✓ Include this low C:Documents ✓ Don't search. I will of Choose this option to the driver you choose	triver in these locations. : below to limit or expand the default search, which includes local media. The best driver found will be installed. able media (floppy, CD-ROM) :ation in the search: : and Settings/carrie/Desktop\308 to rr  Browse noose the driver to install select the device driver from a list. Windows does not guarantee that : will be the best match for your hardware. < Back Next Cancel	Then click "Next" to continue.



Windows XP: Windows Update Enabled



Windows XP: Windows Update Enabled

Found New Hardware Wizard		
	Completing the Found New Hardware Wizard The wizard has finished installing the software for:	
	Llick Finish to close the Wizard.	
	< Back Finish Cancel	

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.

Found New Hardware Wizard		Coloct "Install from a list or
	Welcome to the Found New Hardware Wizard         This wizard helps you install software for:         308         Image: Software Commended         Image: Software Commende	Then click "Next" to continue.
Found New Hardware Wizard Please choose your sear	ch and installation options.	Select "Don't search. I will choose the driver to install."
Search for the best d Use the check boxes	river in these locations. below to limit or expand the default search, which includes local	Then click "Next" to continue.
paths and removable	media. The best driver found will be installed.	
Search remova	able media (Noppy, LU-HUM)	
C:\Documents	and Settings\carrie\Desktop\308 to re Browse	
, Don't corrob Lwill ob		
Choose this option to the driver you choose	losse the direct of instant select the device driver from a list. Windows does not guarantee that will be the best match for your hardware.	
	< Back Next > Cancel	

nstallation of Software

Windows XP: Windows Update Enabled



Windows XP: Windows Update Enabled

Found New Hardware Wizard	
	Completing the Found New Hardware Wizard The wizard has finished installing the software for:
	< Back Finish Cancel

The installation has been done successfully.

Click "Finish" to exit.



# 4. REMOVAL OF SOFTWARE

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

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



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



