USB Pole Display Setup

Bixolon Driver Install

Note: If the drivers do not install automatically then they can be downloaded from Bixolon at <u>http://www.bixolon.com/</u> > Support > Downloads > Search for BCD-2000 > Virtual Port Driver or from <u>http://www.technology4retailers.com/t-hardwaresetup.aspx</u>

1) Open the downloaded zip file BCD_VCOM. Extract the contents to a folder on your computer.

3/18/2020 11:03 AM

Application

3,917 KB

- Run the vcom driver installer.
 BCD_VCOM4USB_V1.0.2.exe
- 3) Click the "Next" to start the install.

- /		
		G BCD Virtual COM Driver V1.0.2 Setup − □ ×
		Welcome to BCD Virtual COM Driver (1.0.2) Setup Setup will guide you through the installation of BCD Virtual COM Driver V1.0.2. It is recommended that you close all other applications before starting Setup. This will make it possible to update relevant system files without having to reboot your computer. Click Next to continue.
		Next > Cancel
4)	Click "Install"	
		🌍 BCD Virtual COM Driver V1.0.2 Setup — 🗆 🗙
		Choose Install Location Choose the folder in which to install BCD Virtual COM Driver V1.0.2.
		Setup will install BCD Virtual COM Driver V1.0.2 in the following folder. To install in a different folder, click Browse and select another folder. Click Install to start the installation.
		Destination Folder C:\Program Files (x86)\BIXOLON\BCD Virtual COM Driver Browse
		Space required: 8.0 MB Space available: 233.6 GB
		Nullsoft Install System v3.03
		< Back Install Cancel

- 5) Click "Next" to install the drivers for USB to Serial Pole Display
- 6) Choose the "BCD-2000" pole display driver.

D Virtual COM Driver Install	ler		BIXOL
* Select Model			
□BCD-1100 ☑BCD-2000 □BCD-3000			
< Back	Next >	Close	

7) Click OK once the drivers have been successfully installed.

BC	stall Suc	cessful						×
Plea	1	The drive Please tu	rs were rn-off t	successfi he device	ully install and then	ed on this turn-on a	computer. gain	ete
L						[OK	1

- 8) Close and Finish the installer.
- 9) Connect the pole display to the computer with the USB cable. Also turn on the pole display with the power button on the bottom of the screen of the display.
- 10) New hardware wizard should popup to install a USB Serial Port.
- 11) Once the drivers have finished installing. Click on Start Select Device Manager.

and type "Device".



12) Expand the Ports and find the BCD-2000 USB Serial Port



13) Make a note of the number after "COM"

+

Install Printer Com Port	
1) Click Start	and type "Printers". Select Printers & scanners
	All Apps Documents Email Web More
	Best match
	Printers & scanners System settings
2) Click "Add Printers & s	a printer or scanner" scanners
Add printers &	scanners
+ Add a printe	er or scanner

3) Once this is done click "The printer that I wasn't isn't listed"

The printer that I want isn't listed

4) On Add Printer choose "Add a local printer or network printer with manual settings" and then click "Next"

~	🖶 Add Printer	×
	Find a printer by other options My printer is a little older. Help me find it. Find a printer in the directory, based on location or feature Select a shared printer by name 	
	Example: \\computername\printername or http://computername/printers/printername/.printer O Add a printer using a TCP/IP address or hostname O Add a Bluetooth, wireless or network discoverable printer	se
	Next	Cancel

5) Find the Com Port for the pole display from Device Manager and then click "Next"

÷	🖶 Add Printer			,
	Choose a printer port			
	A printer port is a type of connect	ion that allows your computer to exchang	e information with	a printer.
	• Use an existing port:	COM3: (Serial Port)		\sim
	○ Create a new port:			
	Type of port:	CUSTPDF Writer Monitor x86		\sim
			Next	Cancel

6) Select "Generic" and "Generic / Text Only" for the printer to install and then click "Next"

ama Auu	Printer		
Install	the printer driver		
3	Choose your printer fro	m the list. Click Windows Update to see more models.	
~	To install the driver from	n an installation CD, click Have Disk.	
Manut	facturer	^ Printers	^
DYMO)	🕞 Generic / Text Only	
211110		Generic IBM Graphics 9pin	
Gener	ic		
Generi Micro	soft	Generic IBM Graphics 9pin wide	
Generi Micro ZDesig	ic soft gner	Generic IBM Graphics 9pin wide	v
Generi Micro ZDesig	ic soft gner	Generic IBM Graphics 9pin wide GMS Publisher Color Printer Mindower Lindate Ha	ve Dick
Generi Micro ZDesig	ic soft gner is driver is digitally signed	Generic IBM Graphics 9pin wide GMS Publisher Color Printer Mindows Update	ve Disk
Generi Micro ZDesig Th <u>Te</u>	ic soft jner is driver is digitally signed Il me why driver signing is	Generic IBM Graphics 9pin wide GMS Publisher Color Printer Mindows Update Hat important	ve Disk

7) Give the pole display a printer name and then click "Next"

	4	🖨 Add Printer		×
		and Printer		
		Type a printer nan	ne	
		Printer name:	Bixolon Pole Display	
		This printer will be insta	lled with the Generic / Text Only driver.	
			Next	
0)	Cl	: 1- (NT4)? 4 - (6	De met al em this mainte 22	_
8)	Cli	ick next to	No not share this printer ×	
	\leftarrow	🖶 Add Printer		
		Printer Sharing		
		If you want to share this prir a new one. The share name	ter, you must provide a share name. You can use the suggested name or type vill be visible to other network users.	
		O not share this printer		
		○ Share this printer so that	others on your network can find and use it	
		Share name:		
		Location:		
		Comment:		
			ivext Cancel	

9) Click "Finish" to end the installer

		×
~	🖶 Add Printer	
	You've successfully added Bixolon Pole Display	
	Set as the default printer	
	To check if your printer is working properly, or to see troubleshooting information for the printer, print a test page.	'
	Print a test page	
	Finish Cance	I

AIM Setup



1) Open AIM

2) Go to Maintenance > General > Work Stations > POS > Devices

Options Devices		
Pole Display Line 1	Thank you for	
Pole Display Line 2	Shopping!	
Scale Port	0 ← Scale Control Code	
Pole Display Print Driver	Bixolon Pole Display	-
Pole Display Reset Code	chr(27) + chr(64)	Epson
	Use Sam4s ML Pole Display	

Pole Display Line 1 and/or Line 2: Enter a message to display to your customers.

Pole Display Print Driver:	lf you installed th	e pole display	using a driver	that installed
the pole display as a printer.	Pole Display Print Driver			

Pole Display Reset Code: Click the Epson button. This is used for resetting the pole display after each transaction. This can help with pole displays text where it becomes scrambled during the day due to timing.

Use Sam4s ML Pole Display: This is normally un-checked. Only needed if you purchased the Sam4s ML Pole Display

Additional Settings

There are system variables called under **Maintenance > General > System Variables**. That affect the Pole Display.

PoleDisplayChangeDueInterval: This variable controls the amount of time the change due will display on the pole display before it resets. Enter time in seconds. If 0 is entered, change due will be displayed until a new transaction is started. Default is 10

PoleDisplayTotalInterval: This variable controls the amount of time an item will display on the pole display before the total is displayed instead. Enter time in seconds. If 0 is entered, the total will not be automatically displayed. Default is 5

Installing Virtual COM on Dell Computers

There is an issue with Dell Computers that have secure boot enabled. The USB Serial driver may not install correctly. If you have this issue follow the steps below.

- 1) Complete the steps for Bixolon Driver Install first
- 2) Click on Start and type "Device". Select Device Manager



3) Expand "Other devices". If you see BCD-2000 then you have an issue with the driver install



4) Right click on BCD-2000 and then select "Update driver"



- 5) Click "Browse my computer for driver software"
 - → Browse my computer for driver software Locate and install driver software manually.
- 6) Choose "Let me pick from a list of available drivers on my computer"
 - → Let me pick from a list of available drivers on my computer This list will show available drivers compatible with the device, and all drivers in the same category as the device.
- 7) Choose "Ports" and click "Next" then click "Have Disk"

ommon hardware types:		
Network Protocol	^	
Network Service		
Non-Plug and Play drivers		
OPOS Legacy Device		
PCMCIA adapters		
Perception Simulation Controllers		
Persistent memory disks		
Portable Devices		
Ports (COM & LPT)		
POS Barcode Scanner		
POS Cash Drawer		
POS HID Magnetic Stripe Reader		
	*	

8) Locate the Program Files (x86) > Bixolon > BCD Virtual COM Driver > BCD_VCOM_Drivers > FTDI > Win 10 folder on the computer and select the ftdibus_bcd2000.inf file

🗄 Locate File			×
Look in:	Win10 V	G 🦻 🖻 🛄 -	
*	Pecent items Desktop Network	Date modified 6/29/2018 2:04 PM	Type File folder
Quick access	Libraries Administrator OneDrive	6/29/2018 2:04 PM 2/23/2017 1:27 PM	File folder Setup Infc
Desktop	HP v125w (E:)	2/23/2017 1:27 PM 2/23/2017 1:28 PM	Setup Infc Setup Infc
Libraries	Downloads Desktop 3D Objects	2/23/2017 1:28 PM 2/23/2017 1:28 PM 2/23/2017 1:28 PM	Setup Info
	Documents Music Music	272372017 1120711	Setup inte
This PC	Pictures		
Network	Program Files (x86) BIXOLON BCD Virtual COM Driver		>
	BCD_VCOM_Drivers FTDI	✓	Open Cancel

- 9) Select the "BCD-2000 USB Serial Converter" and then click "Next"
 - 🗧 📱 Update Drivers BCD-2000

Select the device driver you want to install for this hardware.



Select the manufacturer and model of your hardware device and then click Next. If you have a disk that contains the driver you want to install, click Have Disk.

 \times

Model	
🔄 BCD-2000 USB Serial Converter	
This driver is digitally signed.	Have Disk
Tell me why driver signing is important	
Tell me why driver signing is important	

10) The install should say it was successfully updated

		×	
\leftarrow	Update Drivers - BCD-2000 USB Serial Converter		
	Windows has successfully updated your drivers		
	Windows has finished installing the drivers for this device:		
	BCD-2000 USB Serial Converter		
	Clos	e	

11) Open the Ports and right click on "BCD-2000 USB Serial Port" and then click "uninstall device"

	 Network adapters Portable Devices Ports (COM & LPT) BCD-2000 USB Serial Port 	Update driver	
	> Processors	Disable device	
	Security devices	Uninstall device	
	 Software devices Sound, video and game cor 	Scan for hardware changes	
	Storage controllers The System devices	Properties	
	 Universal Serial Bus controlle BCD-2000 USB Serial Con 	rs verter	
12)	2) Select "Delete the driver software for this device" and then "Uninstall" Uninstall Device		
	Warning: You are about to un	ninstall this device from your system.	
	Delete the driver software	for this device.	
		Uninstall Cancel	
13)	Right click on Ports and S	Scan for hardware changes	
	> 📃 Portable D	evices	



- 14) Expand "Other devices". If you see USB Serial Port then do the following
- 15) Click "USB Serial Port" and then choose "Update driver"



16) Click "Browse my computer for driver software"

→ Browse my computer for driver software Locate and install driver software manually.

17) Choose "let me pick from a list of available drivers on my computer"

→ Let me pick from a list of available drivers on my computer This list will show available drivers compatible with the device, and all drivers in the same category as the device.

18) Choose "Ports" and click "Next" then click "Have Disk" - Update Drivers - BCD-2000

Network Protocol	•	
Network Protocol	<u>^</u>	
Non-Plug and Play drivers		
CPOS Legacy Device		
PCMCIA adapters		
Perception Simulation Controllers		
Persistent memory disks		
Portable Devices		
Ports (COM & LPT)		
📲 POS Barcode Scanner		
POS Cash Drawer		
POS HID Magnetic Stripe Reader		*

19) Locate the Program Files (x86) > Bixolon > BCD Virtual COM Driver > BCD_VCOM_Drivers > FTDI > Win 10 folder on the computer and select the ftdiport_bcd2000.inf file

🛔 Locate File				×
Look in:	Win10	~	G 🤌 📂 🛄 🗸	
_	Name	~	Date modified	Туре
	amd64		6/29/2018 2:04 PM	File folder
Quick access	i386		6/29/2018 2:04 PM	File folder
	📓 ftdibus_bc	d1100	2/23/2017 1:27 PM	Setup Info
	📓 ftdibus_bc	d2000	2/23/2017 1:27 PM	Setup Info
Desktop	📓 ftdibus_bc	d3000	2/23/2017 1:28 PM	Setup Info
-	🚮 ftdiport_bcd1100		2/23/2017 1:28 PM	Setup Info
	📓 ftdiport_bo	cd2000	2/23/2017 1:28 PM	Setup Info
Libraries	📓 ftdiport_bo	cd3000	2/23/2017 1:28 PM	Setup Info
This PC				
_	<			>
INETWORK	File name:	ftdiport_bcd2000	~	Open
	Files of type:	Setup Information (*.inf)	\sim	Cancel

20) Select "BCD-2000 USB Serial Port" and click "Next"

×

← 📱 Update Drivers - USB Serial Port

Select the device driver you want to install for this hardware.

8	Select the manufacturer and model of your hardware du disk that contains the driver you want to install, click Ha	evice and then click Next. If you have a ave Disk.
✓ Shov Mode □ BC	w compatible hardware d D-2000 USB Serial Port	
C Tr Te	nis driver is digitally signed. Il me why driver signing is important	Have Disk
		Next Cancel

21) The install should say it was successfully updated



22) The USB Serial Port should now be installed

Close

✓			
> 4 Audio inputs and outputs			
> 💻 Computer			
> 👝 Disk drives			
> 🏣 Display adapters			
> 🔐 DVD/CD-ROM drives			
> 🞽 Firmware			
> 🛺 Human Interface Devices			
> 🔤 Keyboards			
> III Mice and other pointing devices			
> 🛄 Monitors			
> 🖵 Network adapters			
> 📃 Portable Devices			
Ports (COM & LPT)			
BCD-2000 USB Serial Port (COM3)			
Communications Port (COM1)			