## **USBCDCINF**

### [Part #: USBCDC\_INF, USBCDCRAW\_INF]

### Contents

- Description
- <u>Device Compatibility</u>
- <u>Release Notes</u>
- <u>Components</u>
- Installation
- <u>Notes</u>
- Late Additions

## Description

Thank you for selecting Motorola as your mobility solution tool provider. These INF files will enable your Motorola barcode scanner to communicate as a USB CDC device, providing emulation of serial COM communication while connected over USB.

- Uses standard Windows-provided USB CDC host driver for bidirectional communication over USB, eliminating the need for third-party drivers.
- Successful communication with device, independent of host COM settings (e.g. baud rate, parity).
- Supports beep on Bel character.

For the latest software updates, go to the **<u>Support Central</u>** web site and select Software Downloads.

Thank you,

The Motorola Enterprise Mobility Software Development Team

#### **Back to Top**

# **Device Compatibility**

Listed below are the scanners supporting the USB CDC host.

Scanner	<b>USB CDC Support</b>
DS3407	Coming soon
DS3408	Coming soon
DS6707	Coming soon
DS6708	Coming soon
PL4500	Yes
MT20x0	Yes
STB2078	Yes
	More coming soon

#### Back to Top

### **Release Notes**

### Version v1.0

1. Initial release.

#### Back to Top

# Components

Component	Description
USBCDC.INF	INF file for standard USB CDC host.
USBCDCRAW.INF	INF file for USB CDC raw host (currently MT2070/MT2090/STB2078 models only).

#### Back to Top

## Installation

Copy the INF file to your desktop. *Note: USBCDCRAW.inf is only needed when connecting a USB Serial RAW device such as the MT20x0, otherwise use USBCDC.inf.* 

Connect your barcode scanner and scan the "CDC COM Port Emulation" host barcode (or, if using RAW host, the USB RAW host barcode):



### **CDC COM Port Emulation**

The Found New Hardware Wizard will pop up:

1. Opt to manually search for the driver by selecting "No, not this time" and then "Install from a list or specific location."

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? Yes, this time only Yes, now and givery time I connect a device No. not this time Click Next to continue.			
	< Back Next > Cancel			

Found New Hardware Wizard				
	This wizard helps you install software for: Symbol Bar Code Scanner 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) Install from a list or specific location (Advanced) Click Next to continue.			
	< <u>B</u> ack <u>N</u> ext > Cancel			

2. Select "I will choose the driver to install."

Found New Hardware Wizard				
Please choose your search and installation options.				
$\bigcirc$ Search for the best driver in these locations.				
Use the check boxes below to limit or expand the default search, which includes local paths and removable media. The best driver found will be installed.				
Search removable <u>m</u> edia (floppy, CD-ROM)				
✓ Include this location in the search:				
C:\WINDOWS\system32				
Don't search. I will choose the driver to install.				
Choose this option to select the device driver from a list. Windows does not guarantee that the driver you choose will be the best match for your hardware.				
< <u>B</u> ack <u>N</u> ext > Cancel				

3. You will be asked to choose the hardware type of the connection. Select **Ports (COM & LPT)**:

Found New Hardware Wizard				
Hardware Type.			Ð	
Select a hardware type, and then click Next.				
Common <u>h</u> ardware types:			-	
Non-Plug and Play Drivers NT Apm/Legacy Support PCMCIA adapters PCMCIA and Flash memory devices Ports (COM & LPT)		L		
Printers		1		
SEP2 IEEE 1394 Devices			<u>-</u>	
	< <u>B</u> ack	<u>N</u> ext > Ca	ancel	

4. Select **Have Disk** to point Windows to your .inf file. Navigate to the INF file on your desktop and click Next.



5. You will be asked to confirm the loading of the unsigned driver. Click "Continue Anyway."



6. Click Finish.

The device will fully boot up and communication can now begin. To determine which COM port your scanner is assigned to, open the Device Manager and select Ports. If the driver is correctly loaded, your scanner will be in this list.

Back to Top

### Notes

1. The USB CDC host driver – usbser.sys – provided by Windows may be missing on certain OS flavors or builds. A search of your "C:\Windows\system32\drivers" folder will reveal if this is the case. Please refer to the Microsoft web site for more information on obtaining this driver.

Back to Top

### **Late Additions**

None

**Back to Top** 

Last revised: December 2, 2009

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