Setting up a Logic Controls CR3003 USB Cash Drawer

Logic Controls products are made by Bematech, and you'll find the USB driver at bematechus.com in the Support, Product Drivers and Documents section. Go to Cash Drawers, Drivers and download All USB Cash Drawers for the version of Windows you are using. Unzip the files to a folder noting where you put them.

Connect the cash drawer to the computer before you install the Logic Controls driver. This will install a HID device in the computer's Device Manager

Next, Install the USB driver by running the Install file in the driver folder. This will install a virtual COM port, which you can see in the Windows Device Manager under Ports (COM and LPT). The port installed is usually the next available number after the last physical COM port. For example, If the computer has a physical COM 1, the virtual COM port will install as COM 2.

REBOOT the PC. This is important to make sure the new COM port will be available for the next step.

In the Printers and Faxes window of the PC add a Generic Text Only Printer. When you select a port, make sure you use the COM port installed by the USB driver.

Add Printer Wizard	
Install Printer Software The manufacturer and model determine which printer software to use.	
Select the manufacturer and model of your printer. If your printer came with an installation disk, click Have Disk. If your printer is not listed, consult your printer documentation for compatible printer software.	
Manufacturer Printers Epson Generic / Text Only Fuji Xerox Generic IBM Graphics 9pin Fujitsu Generic IBM Graphics 9pin GCC MS Publisher Color Printer Generic MS Publisher Color Printer This driver is digitally signed. Windows Update Tell me why driver signing is important	
< <u>B</u> ack <u>N</u> ext > Cancel	

Don't set it to the default printer, don't share it and don't print a test page. POSitive addresses the cash drawer through this printer port and driver.

After the Generic printer is installed, edit the printer properties and click the "Advanced" tab.

Device Settings	Printer	Commands	Font Selection
General	Sharing	Ports	Advanced
 Always available 			
Available from	12:00 AM	÷ To	12:00 AM
Diana 1			
Phonty:			
Driver: Generic /	Text Only	•	New Driver
🔵 Spool print docur	ments so progran	n finishes printing	faster
Spool print docur	ments so program after last page is	n finishes printing spooled	faster
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Spool print docur Start printing Start printing Print directly to th Hold mismatched Print spooled doc Keep printed doc Enable advance Printing Defaults.	nents so progran after last page is immediately re printer I documents cuments first cuments d printing feature 	n finishes printing spooled s	faster Separator Page

Select "**Print directly to the printer**". If you don't do this the drawer won't open.

Station Detail		×
General - Program Start - Screen Settings - Invoice/Misc - Printing Options - Register Balance - Cash Drawer - Pole Display - Credit Card Processing - Portable Scanner - Multi-Monitor Support - RMS Pump Interface Printers/E-Mail - Invoice - Alternate Invoice - Layaway - Orders - Internet Orders - Service - Quotes - Quotes w/Costs - Contract Pricing - Deposit Receipt - AR Receipt - Consignment Agrmnt - Recurring Invoices - Packing Slips	✓ Use Cash Drawer Cash Drawer Settings Cash Drawer Code: Cash Drawer Code: Tenter the decimal number(s) (separated by commas) needed to open your cash drawer. For example, many cash drawers use the decimal number 7. Cash Drawer Port Common Co	1
<u>LUM Ports Setup</u>		1

Next, in POSitive Station settings, Choose Cash Drawer. Be sure to put a check next to Use Cash Drawer. Enter 7 for the Cash Drawer Code. The Cash Drawer Port, Pulse and Bypass Direct To Port settings are not used and are overridden by the next step. Finally, select the Generic Text Only printer driver we set up earlier for the Cash Drawer Printer.

Click the test button - if it was set up correctly the drawer will open. If it doesn't, check that the driver is set to print directly to the printer (see previous step). This is the most likely cause for failure of this set-up.

FOR REFERENCE. USE ONLY IF NECESSARY. Using the Cash Drawer Edit Utility

Set Communication Port				
Port Name: COM8 Baud Rate: 9600 Parity Check: None	OK Cancel			
Bit Number: 8 Bits 💌				

CREdit.exe is a utility that will allow you to change the command code that opens the drawer. Select the Virtual COM port installed by the USB driver and click OK.

Logic Controls CR Programming Utility 🔀					
Protocol in Use COM8 9600 Non-parity 8 Bits 1 stop					
Protocol in Edit 9600 V None V 8 Bits V 1 stop					
Open codes(decimal)	1				
Cmd Code1: 7					
Cmd Code2: 0					
Cmd Code3: 0	C OPOS/JPOS				
Cmd Code4: 0	Open Test				
Cmd Code5: 0 📑	Write to CR				
bytes in command 1	Exit				

You can use this utility to test the drawer and to change the communication protocol or the open code. The default open code for Logic Controls serial and USB drawers is 7. If you change the open code, make sure the "bytes in command" number matches the number of "Cmd Codes" used. For example, if you enter Cmd Code1: 27 and Cmd Code2: 7, "bytes in command" would be 2. Click Write to CR to update the drawer.