

USB DRIVER INSTALLATION

In order to function properly, the USB to RS-232 converter cable (CBLUSBRS) requires installation of the proper USB driver files. Further, the PC must be configured to assign the cable to a suitable COM port.

DRIVER INSTALLATION

Connect the CBLUSBRS cable to one of your PC's USB ports. Windows will prompt you, indicating that a new device has been found and will install the driver automatically.

If the driver did not install, navigate to the following directory and run the GoldX.exe program: C:\Program Files\Red Lion Controls\Crimson 3.0\Device\GoldX

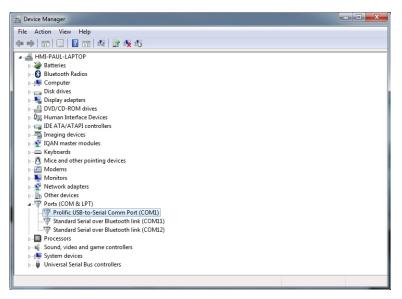
PORT CONFIGURATION

Crimson 3.0 allows you to download via Ethernet, USB or serial. Since the CBLUSBRS is converting USB to serial, you must select to download via serial. However, you must first make sure that the CBLUSBRS is assigned to COM port in the range of COM1-COM4.

Go to Windows Control Panel, and double-click the System icon. Then, select the Hardware tab, and click the Device Manager button.



Navigate to the item Ports (COM & LPT), and select the Prolific USB-to-Serial Comm Port cable from the list. If the assigned port is COM1, COM2, COM3 or COM4, there are no other steps required. Simply make note of the assigned COM port number.



If the number exceeds COM4, double-click cable item to open the properties dialogue. Select the Port Settings Tab, and click the Advanced button.

Bits per second: 9600	
	<u>Ľ</u>
Data bits: 8	
Parity: None	
Stop bits: 1	•
Flow control: None	•
Advanced	Restore Defaults

Select a COM port in the range of COM1-COM4. If all COM ports within the range are marked with (in use), you may still proceed. However, for your computer's peripherals to work properly, you may need to undo this change later.

Select hig	her settings	for faster per	formance.			Cance Defaul
Receive Buffe	: Low (1)	1		High (14) (14)	
Transmit Buffe	: Low (1)	1) (16)	
COM Port Number	: COM4	•				

After selecting an appropriate COM port, click the OK button.

CRIMSON 3.0 SETUP

Run Crimson 3.0, and go to Link -> Options.

& Untitled File - G09 - Crin	mion 3.0 - UNREGISTERED CO	Y	
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	🔏 Send Shift+F9	X Communications - Programming Port	Port 1 😗 🥥 Resource Pane 🔰
	A Yerity	Driver Selection	P
Communications	Memory Card	Driven No Driver Selected Pick	Devices Im Modules
RS-485 Comms Pd		Pitta	Not Mapped
RS-232 Comms Pc Network	Support Up]oad Use Compression	Port Commands	
Protocol 1	Send Jime	Clear Port Settings	
Protocol 1 Protocol 2 Protocol 3 Protocol 4	Set PM Drop	Add Additional Device	
Protocol 4	Calibration		
USB Host Ports	Options		
E Keyboard			
Mouse Services			
Time Manager			
FTP Server			
👰 Sync Manager 🖄 Mail Manager			
SQL Sync			
Communications			
Data Tags			
Sea Display Pages			
Programs			
Web Server			Devices
Data Logger			Data Tags
Security			Programs
*			
Modules			System

Select the Communications Port that matches the COM value assigned to the CBLUSBRS cable.

nk Options	23
Communications Port	
COM1	
COM2	
OM3	
COM4	
💿 сом 🛛 5	
© USB	
© TCP/IP ☑ Slow Lir	ık
Panel Emulation	
Send to Emulator	Configure
Emulator execution is unlim	ited.

That completes the configuration necessary to download via the CBLUSBRS converter cable.

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Red Lion Controls Headquarters 20 Willow Springs Circle York PA 17406 Tel +1 (717) 767-6511 Fax +1 (717) 764-0839 Red Lion Controls Europe Softwareweg 9 NL - 3821 BN Amersfoort Tel +31 (0) 334 723 225 Fax +31 (0) 334 893 793 Red Lion Controls India 201-B, 2nd Floor, Park Centra Opp 32 Mile Stone, Sector-30 Gurgaon-122002 Haryana, India Tel +91 984 487 0503 Red Lion Controls China Unit 302, XinAn Plaza Building 13, No.99 Tianzhou Road ShangHai, P.R. China 200223 Tel +86 21 6113 3688 Fax +86 21 6113 3683