
Asterion Master Controller Flash Loader Quick Start Guide

System requirements:

Operating System: Microsoft Windows[®] 7/8/8.1/10

CPU: Intel[®] Core™ i3 or higher

RAM: 4GB or higher

Connectivity: Ethernet 100Base T, USB 2.0

Pre-Requisites Software:

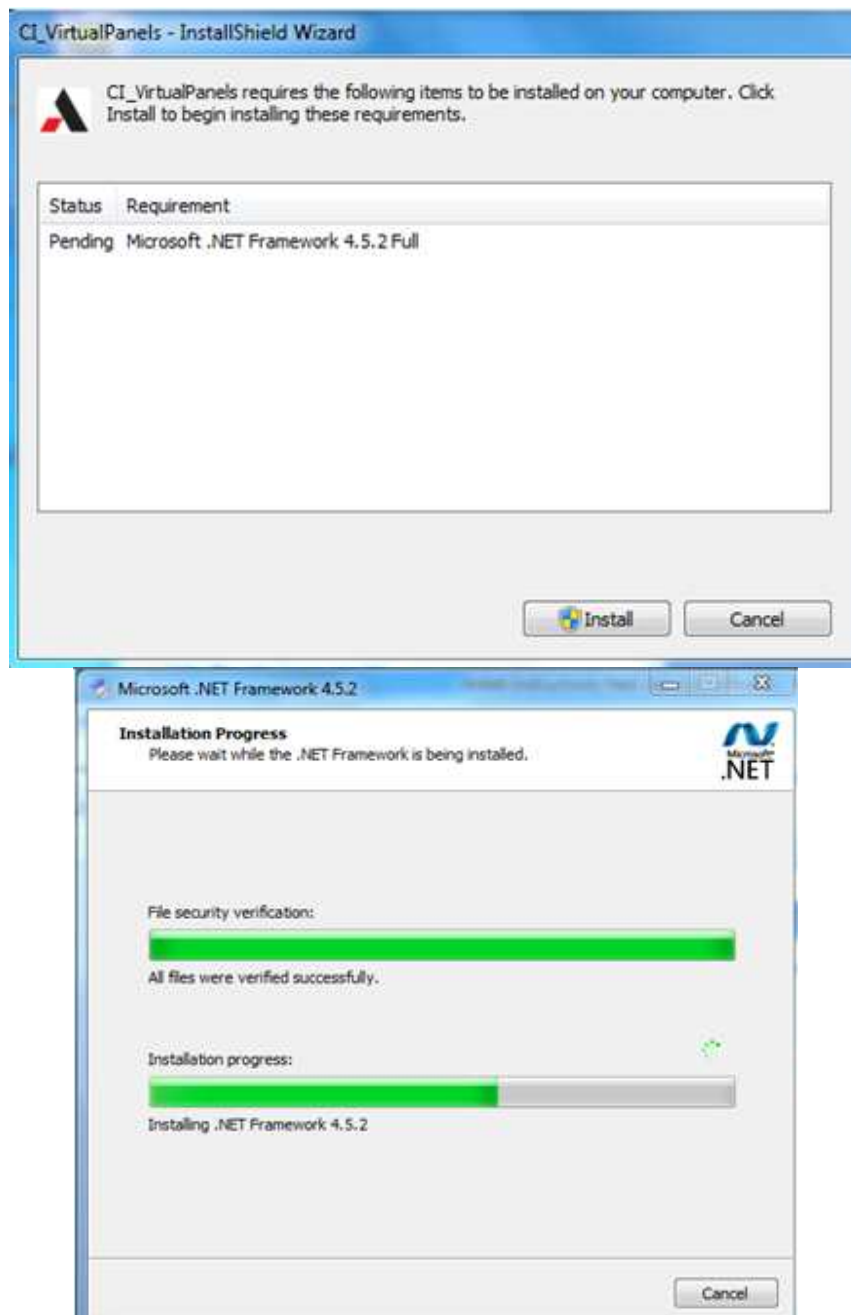
.NET Framework 4.5 or later

California Instruments[®] USB Driver: cicdc_12AUG16 (Used for Asterion™)

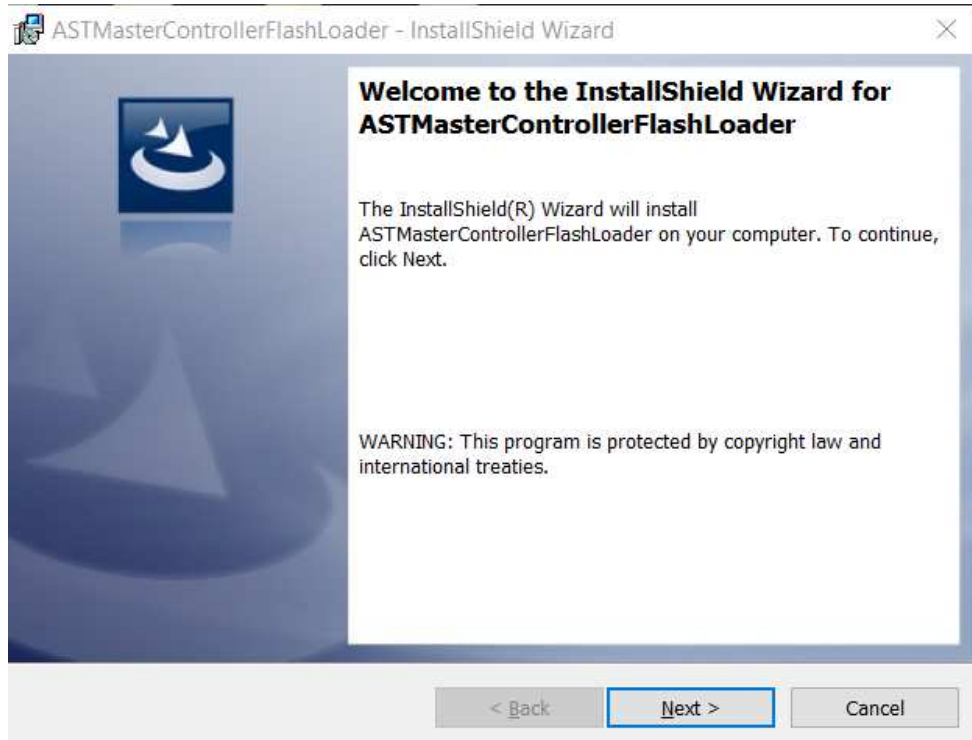
Asterion Master Controller Flash Loader Installation Instructions

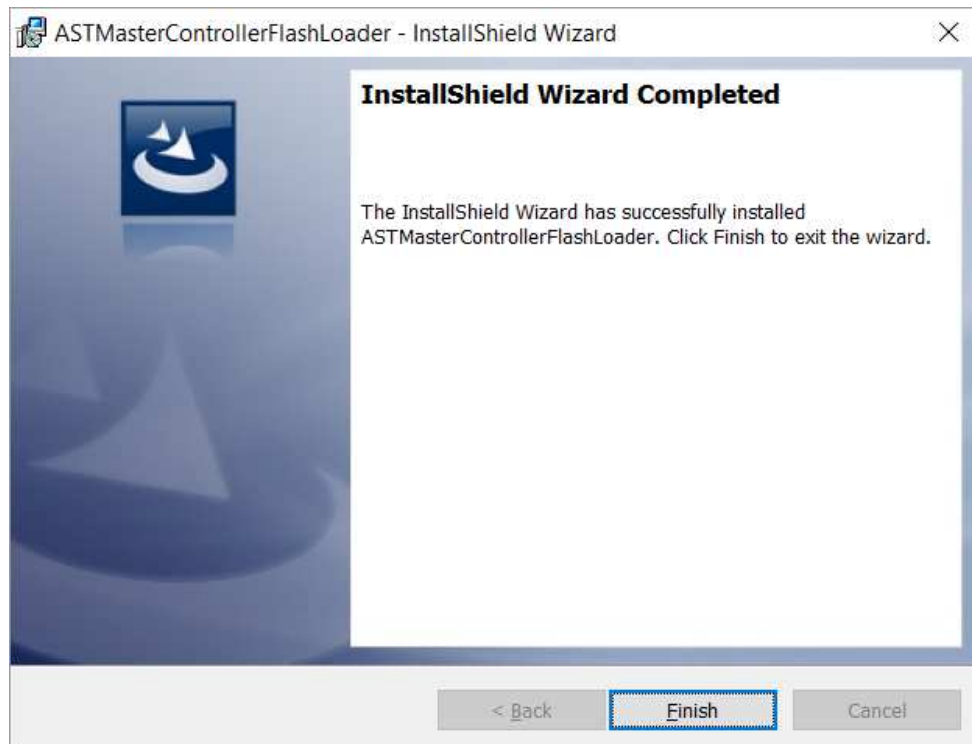
IMPORTANT NOTE: If any previous version is already installed in your system. This must be uninstalled first before continuing with the installation guide.

1. Run the Flash Loader Installer. If .NET Framework 4.5.2 is not installed the following message window will appear. Click Install.



2. After successfully installing .NET Framework 4.5.2. The installer will automatically close.
3. After restarting computer rerun the Installer and continue with installation steps.





After completing installation, launch the AST Master Controller Flash Loader by clicking on the icon provided on the desktop.



Launching the application for the first time may take some time to come up. Please wait until application screen appears.

AST Master Controller Flash Loader V1.0

AST Master Controller Flash Loader

☐ Serial

Serial Settings

Com Port: COM1

Baud Rate: 115200

Cmd Delay (msec): 0

☒ TCP/IP

TCP Settings

IP Address: 10.214.52.222

Port: 69

Firmware File Name: E:\Programmable Power\SVN\software\downloader\Asterion\AST_Master_Control Browse

Firmware Update Progress:

Help Load Firmware

Installation Complete.

Firmware Update Procedure:

1. On the front panel of the Asterion unit. Press and hold the output button while powering the unit ON.
2. Verify that the front panel display shows "Firmware Download Mode". Release output button. If this is not seen repeat step 1.
3. Proceed with Asterion download process by selecting appropriate interface, selecting firmware file, and pressing "Load Firmware" button to start download process.

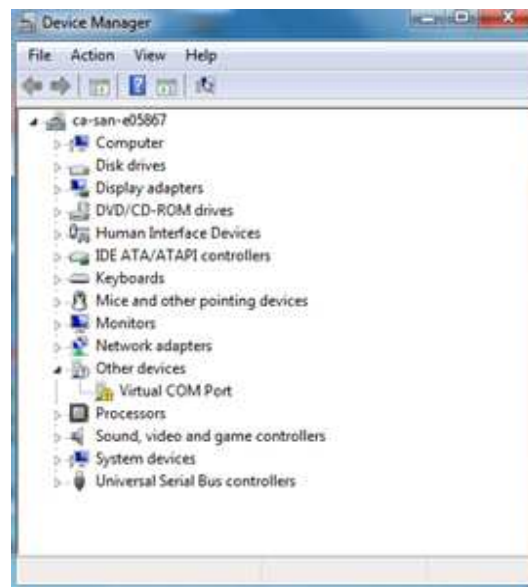
USB Virtual COM Port Driver Installation for Windows 7, 8, and 10

USB Virtual COM Port Driver is available at our website here:

Asterion: <http://www.programmablepower.com/ac-power-source/AsterionAC-1U/Downloads.htm>

USB Driver Installation for Asterion

1. Connect USB cable from computer to Asterion USB connector on the rear panel.
2. Turn ON Asterion unit and open Device Manager on PC.
3. In Device Manager window under “Other Devices” there will be a “Virtual COM Port” with an exclamation point.



4. Right click “Virtual COM Port” and click Update Driver Software. Select “Browse my computer for driver software”



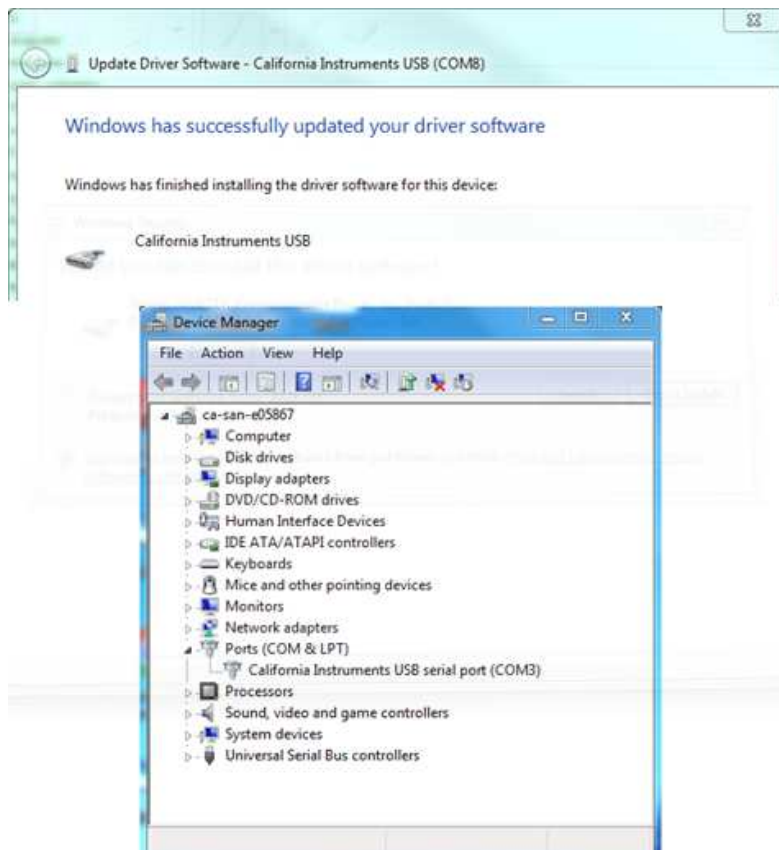
5. Browse for the folder “cicdc_12JAUG16”. Click Next.



6. Windows Security message will appear. Click Install.



7. After driver is installed unit will now be identified with COM Port number in the Device Manager screen as "California Instruments USB serial port (COMXX)".



Technical Support

For technical support or to report bugs and feedback, please contact AMETEK Programmable Power at:

Email: ci.ppd@ametek.com

URL: http://www.programmablepower.com/support/support_CallInst.htm

Telephone: +1.858.450.0085

Updated: 2 February 2017