



S2UI28-N2S

Wall-Mount User Interface Terminal

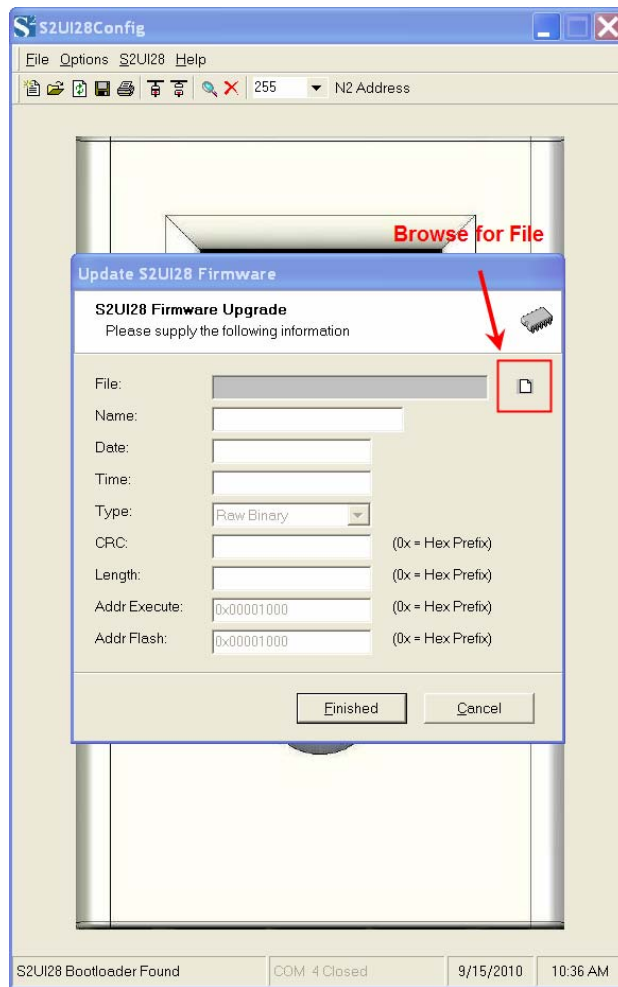
JCI N2 Bus Slave Version

Firmware Update Procedure

The S2UI28 can have its firmware updated in the field providing that one has access to either the S2UI28's USB port or its RS-485 port. Secondly, if the S2UI28 is connected to a N2 network, the Supervisory controller must be disconnected, as the S2UI28 Configuration software will act as a N2 supervisory controller.

To update/upgrade the firmware do the following:

1. Ensure the S2UI28Config software has been installed and that you have a S2UI28-N2S firmware update file (file extension .bin)
2. Connect the S2UI28 to your computer either through its USB port or via our S2USB485 converter to the S2UI28's RS485 port.
3. Run S2UI28 and configure the software for the appropriate serial port via menu item "Options-Serial Port"
4. Scroll to the S2UI28's configuration screen (Screen-6), via the "+" navigation button. Ensure that the N2 Address selected matches the device in question. If you do make a change to the N2 address, selecting the "-" or "+" button will update the configuration values.
5. Now, select the menu item "S2UI28-Locate" to find the attached S2UI28. You should receive a found dialog box. If not double check your N2 address and try again.
6. Select the "S2UI28-Command-Call Bootloader!" command.
7. If your screen was set for no auto off, then you should see an "In Service" screen. The S2UI28 is now running off its bootloader.
8. Perform a S2UI28 locate once again (i.e. menu item "S2UI28-Locate") and you should see a found dialog box appear.
9. Select the "S2UI28-Command-Firmware-Update S2UI28 Firmware" command.
10. The next dialog box may seem daunting, but all you really need to do is find the ".bin" file using the browse button to the left of the "File" field:



11. Using this browse button select the “.bin” file
12. Select the “Finished” button and select “Yes” to the following dialog box confirming the firmware upgrade.
13. The upgrade will begin and you will see a status message appearing on the bottom left corner of the S2UI28 config Software (i.e. Sending Rec: xxx of yyy). It is very important not to remove power to the S2UI28, as the software is erasing and reprogramming the S2UI28 device. This process can take 5-6 minutes, as the transfer rate via the N2 bus is relatively slow given the size of the data being transferred. Future versions will allow a faster upgrade via USB.
14. Once completed a “Firmware Update Successful” dialog will appear and it will ask you if you wish to “reboot” the S2UI28 device. Select yes and the S2UI28 will restart.
15. Once the S2UI28 has restarted, scroll to the “About” screen on the device and check the firmware version shown on the screen. It is located approximately mid-screen below the S2UI28 logo. The version should match the file that was sent to you. Secondly, your S2UI28’s configuration should have been unaltered.
16. You are now done.