



Scintera GUI Installation Guide User Guide

UG6347; 3.1; 05/17

Abstract

This document provides the procedure to uninstall the old Scintera GUI and to install the new Scintera GUI.

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1. Introduction

1.1. Overview

This document provides the necessary procedures to install the SC1894 Software GUI (Scintera GUI).

-  *USB3.0 and Windows 10 are not supported.*
-  *For new installation, it is required to first install GUI 2.1.8 before GUI 2.5.8 and then AdvGUI2.5.10.*
-  *When updating the GUI, it is required to uninstall all previous GUI versions and all previously installed firmware, before installing new GUI versions.*

1.2. Revision History

Revision	Date	Description
1.0	September 2011	Initial Version
2.0	January 2012	Update to reflect latest GUI version.
2.1	February 2012	Remove GUI version from instruction.
2.2	May 2013	Add GUI startup error message mitigation.
2.3	July 2014	Transfer to Maxim template and added requirements to uninstall all previous GUI versions and all previously installed firmware.
2.4	October 2014	Add workaround for installation issue with latest GUI on some Window 7 PC. See section 4.1 for details.
3.0	October 2016	Initial release to web.
3.1	May 2017	Updated to clarify limitation and installation procedure.

2. Installation Procedure

If this is the first time you install the SC1894 Software GUI, you need to proceed as follows:

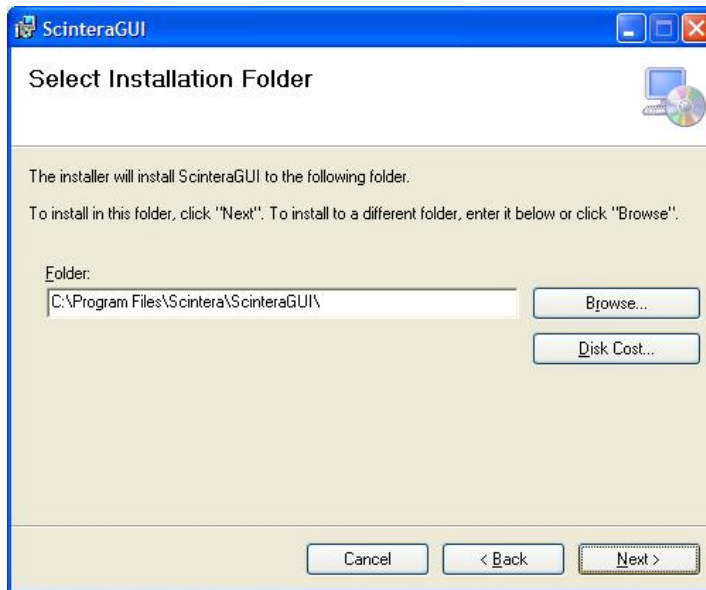
- 1) Make sure the USB to SPI is not connected during this procedure.
- 2) Install **SetupScinteraGUI.2.1.8.EXE** file.
- 3) Uninstall **Software SetupScinteraGUI.2.1.8** (This step is required to install the right .Net).
- 4) Install the file **SetupScinteraGUI.2.5.8.exe**.
- 5) Install the file **SetupScinteraAdvancedGUI.2.5.10**.
- 6) Connect the USB-to-SPI adapter.
- 7) Power the SC1894 EV kit.
- 8) Run the desired GUI.

2.1. *With Windows XP®*

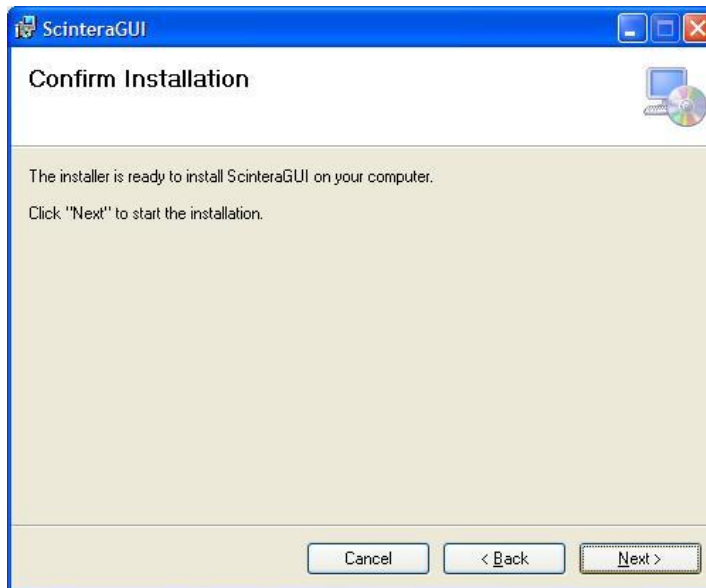
1. Driver installation (pick one of the two):
 - a. If using SC-USB-SPI, then the SC-USB-SPI driver is automatically installed with the following steps.
 - b. If using NI-USB-8451, then first install NI driver "NI845x_112_Installer" following the instructions in **NI845x_112_driver_InstallGuide.pdf**. Make sure the NI card is connected to the ribbon cable + connector provided with the EV kit following **NI-USB-8451_to_RFPAL2_Connector_pinout_mapping.xls**.
2. Then, run the **SetupScinteraGUIXXX.exe**.



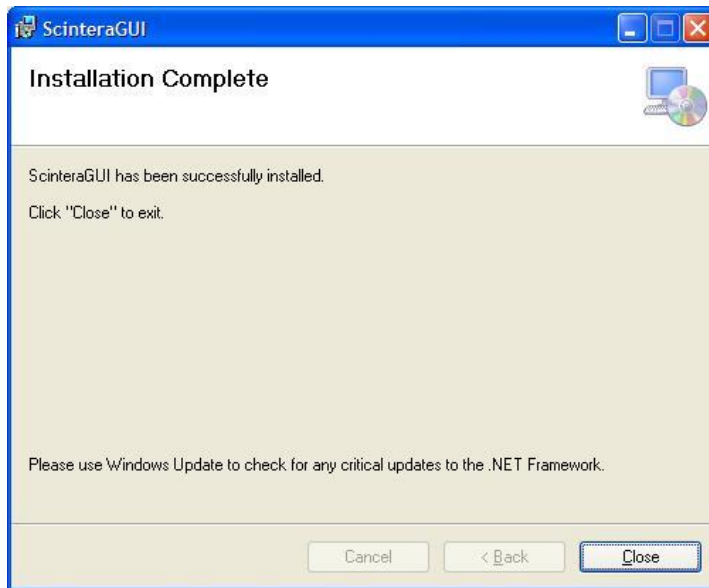
3. Click "Next."



4. Click "Next."



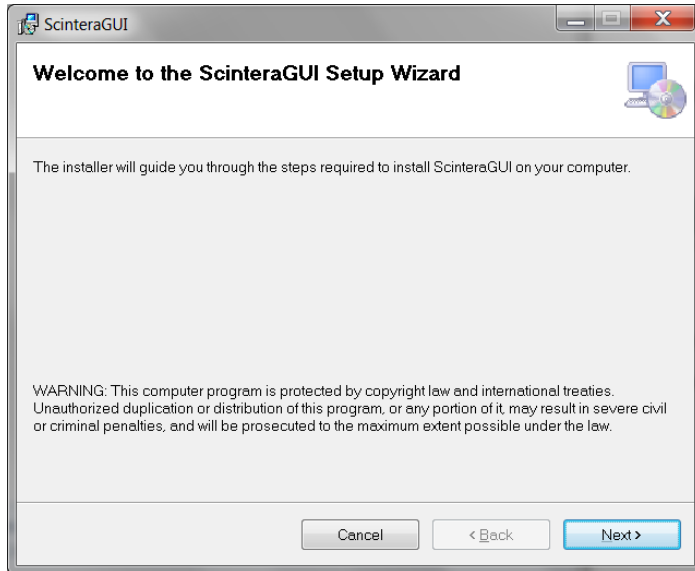
5. Click "Next."



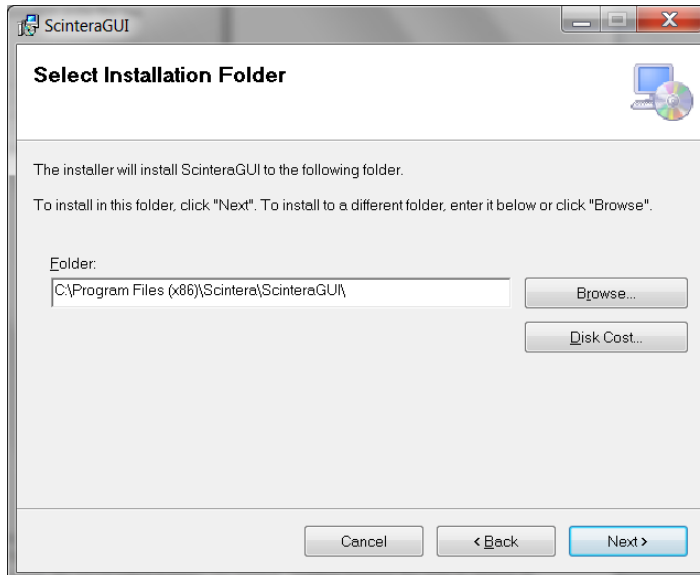
6. Click "Close."

2.2. With Windows® 7

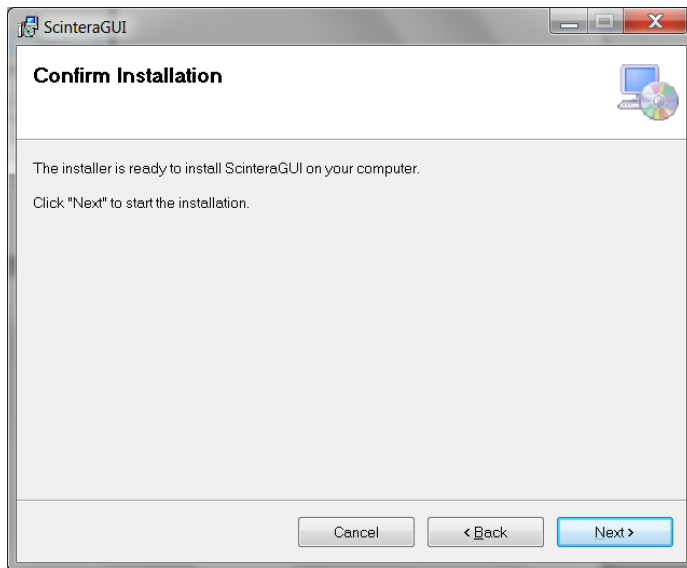
1. Driver installation (pick one of the two):
 - a. If using SC-USB-SPI, then the SC-USB-SPI driver is automatically installed with the following steps.
 - b. If using NI-USB-8451, then first install NI driver "NI845x_112_Installer" following the instructions in [NI845x_112_driver_InstallGuide.pdf](#). Make sure the NI card is connected to ribbon cable + connector provided with EV kit following [NI-USB-8451_to_RFPAL2_Connector_pinout_mapping.xls](#).
2. Then run the latest SetupScinteraGUIXXX.exe with the latest revision.



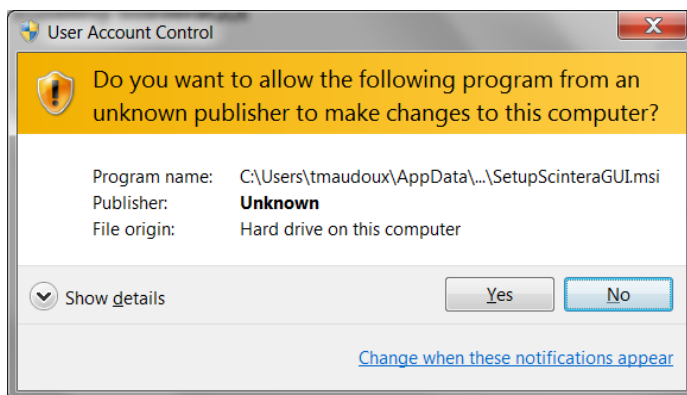
3. Click "Next."



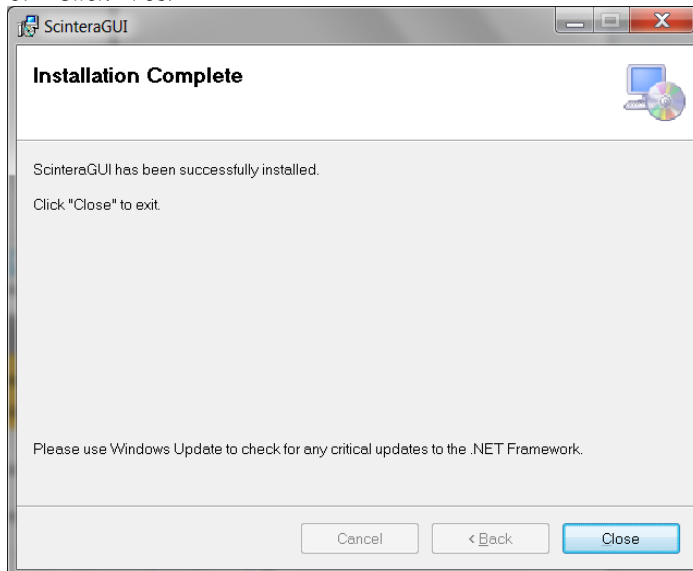
4. Click "Next."



5. Click "Next."



6. Click "Yes."

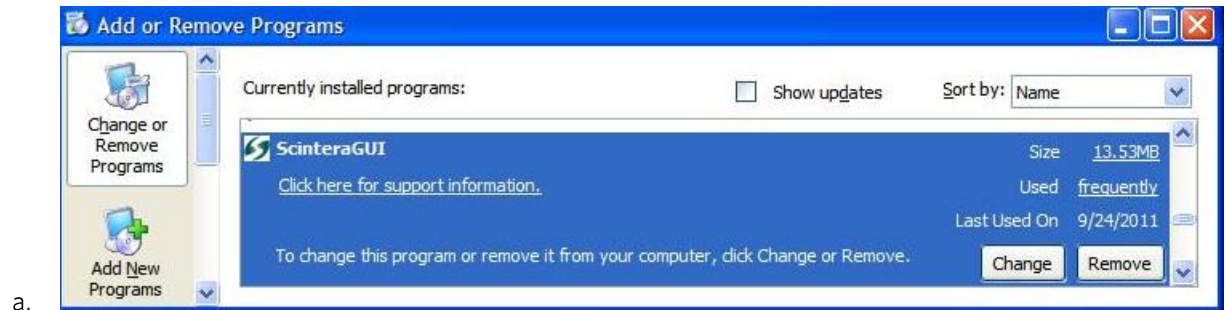


7. Click "Close."

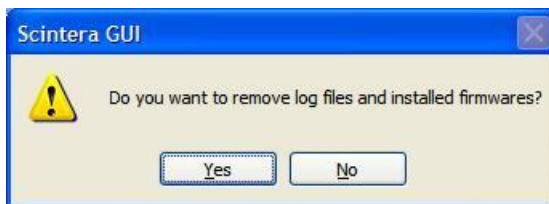
3. Uninstallation Procedure

3.1. *With Windows XP*

1. Uninstall any previously installed Scintera GUI and firmware.
2. This can be done by using "Add or Remove Programs" in the "Control Panel." Select ScinteraGUI and select "Remove."

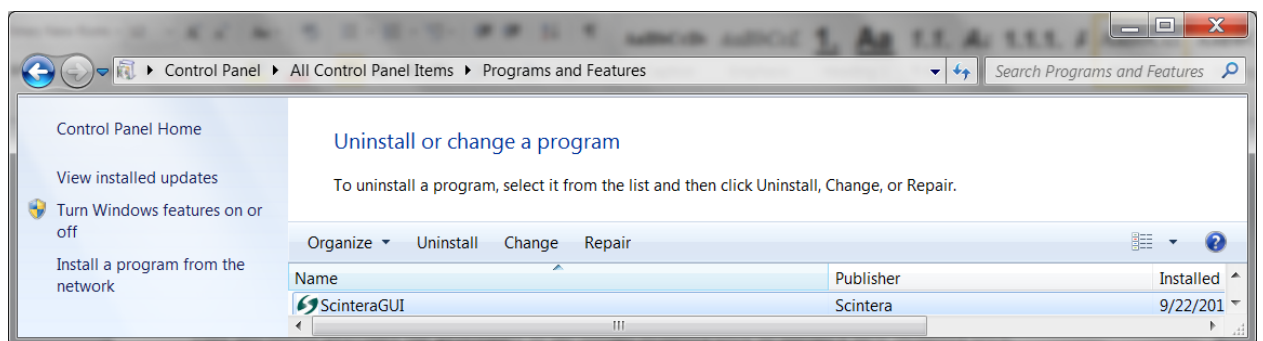


3. During the uninstallation process, it is possible to delete previous log files and installed firmware versions under C:\Documents and Settings\All Users\Application Data\Scintera\ScinteraGUI\log and FWs by selecting "Yes" or to keep them by selecting "No."

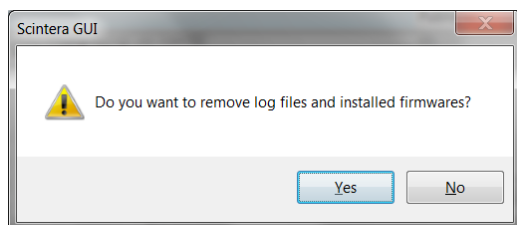


3.2. *With Windows 7*

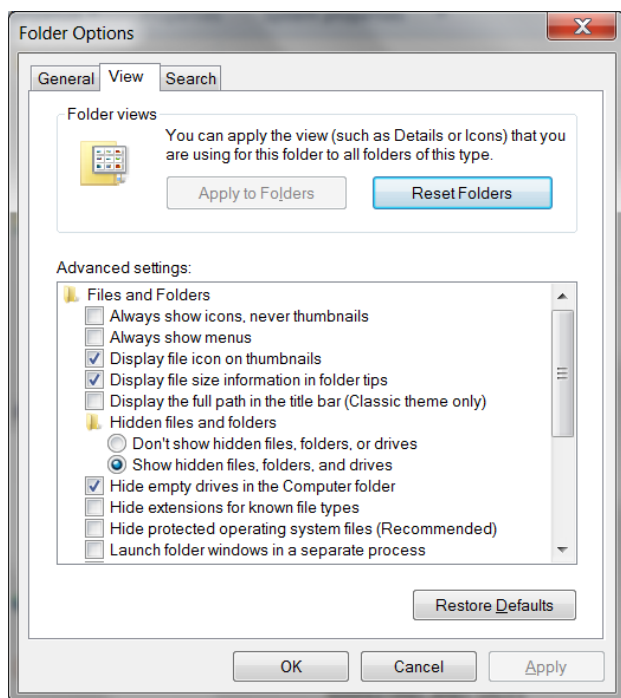
1. Uninstall any previously installed SC1889 or SC1894 GUI and firmware.
2. This can be done by Using "Uninstall or change a program" in the "Control Panel." Select ScinteraGUI and select "Uninstall."



3. During the uninstallation process, it is possible to delete previous log files and installed firmware versions under C:\ProgramData\Scintera\ScinteraGUI\Log and FWs by selecting "Yes" or to keep them by selecting "No."



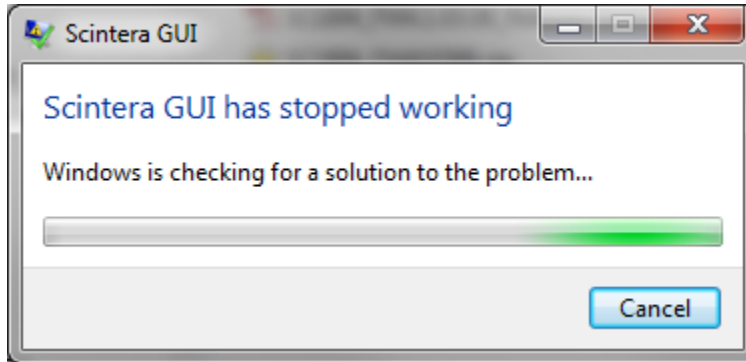
Note: With Windows 7, the ProgramData directory is hidden by default. To make it visible, open "Windows Explorer" and select the C drive. Press "Alt," select tools, and then "Folder Options" to select "Show hidden files, folders, and drivers" to see it. Select "Apply" or "OK."



4. Startup Error Messages

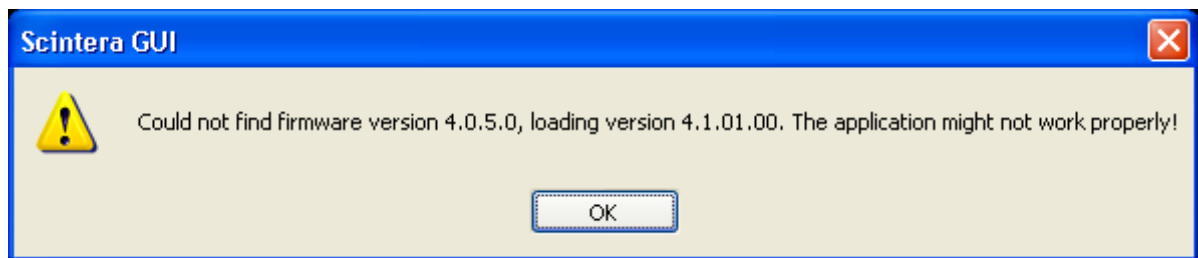
4.1. *Scintera GUI has stopped working*

With a Windows 7 PC, the following error can be seen with the latest GUI executable.



It is recommended to first install GUI 2.1.8, which installs the right Microsoft .NET Framework for the latest GUI to work properly.

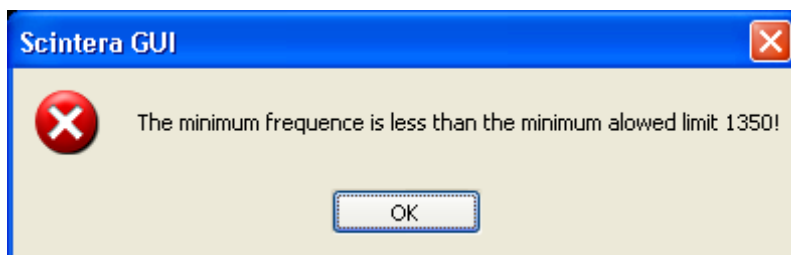
4.2. *Old Firmware in the RFPAL EEPROM*



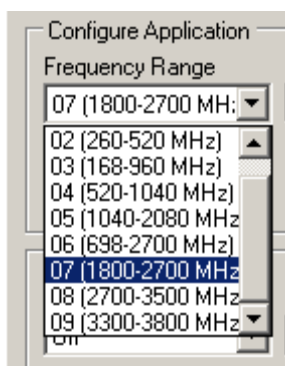
The above message is displayed when a firmware version is missing from the GUI. At startup, the GUI must have the SCI files loaded that correspond to the firmware in the RFPAL EEPROM. Use the

 to load any firmware file into the GUI.

4.3. Wrong f_{MIN} or f_{MAX} programmed into the RFPAL EEPROM



Use the Frequency Range pull-down menu to select the correct frequency range.



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