

# Welcome to S1210 EMI Pre-compliance Software

## S1210 Software Installation Instructions

Before using S1210 EMI Pre-compliance Software, you need to know the configuration requirements, installation procedures, and running methods of the software.

### To Configure the Software

Before using **S1210 EMI Pre-compliance Software**, ensure that your computer meets the following configuration requirements.

#### Hardware Configuration Requirements

- Internal memory: 1 GB or higher (2 GB or higher is recommended.)
- Monitor: 1024x800 or higher resolution
- Processor: 1 GHz or higher
- Hard disk: 200 MB or higher

#### Running Environment

- Operating System: Windows XP (SP3, 32-bit, Chinese and English), Windows 7 (32-bit, Chinese and English; 64-bit, Chinese and English), Windows 8.0 (64-bit, Chinese), Windows 8.1 (32-bit, Chinese and English), Windows 8.1 (64-bit, English), Windows 10 (32-bit, Chinese and English), Windows 10 (64-bit, Chinese and English)
- You must have **RIGOL** Ultra Sigma 00.01.06.00 or higher version installed on your PC.

**Note:** This document takes Windows 7 (64-bit, English) as an example to introduce how to install and run the software.

### To Install the Software

- (1) Download the **S1210 EMI Pre-compliance Software** PC software installation package from [www.rigol.com](http://www.rigol.com).
- (2) Double click "S1210 EMI Pre-compliance Software Setup.exe", and then click **Next** to install the software following the instructions and complete the installation.
- (3) After the S1210 software is installed, PC will display a prompt message (install Ultra Sigma or not). If the PC has already installed Ultra Sigma 00.01.06.00 or a higher version, you can ignore the installation of the Ultra Sigma software. Otherwise, please install the Ultra Sigma. For the installation procedures, refer to Ultra Sigma-related documents.

After **S1210 EMI Pre-compliance Software** is correctly installed, a shortcut icon named "S1210 EMI Pre-compliance Software" is displayed on the desktop.

### To Run the Software

The software running contains the following contents.

## To Connect the Instrument

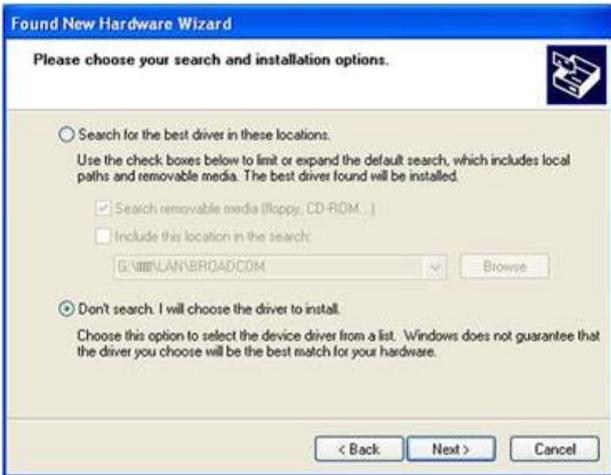
You can realize the communication between the PC and the instrument via the **USB** or **LAN** interface to control the instrument (in this manual, the USB interface is used as an example). Please connect the spectrum analyzer (DSA1000A, DSA1000, DSA700, DSA800 or DSA800E series, equipped with the EMI test function) with the PC correctly through the USB cable, and then turn on the instrument. The "Found New Hardware Wizard" is displayed. You only need to install the "USB Test and Measurement Device (IVI)" driver following the instructions.

The procedures are as follows:

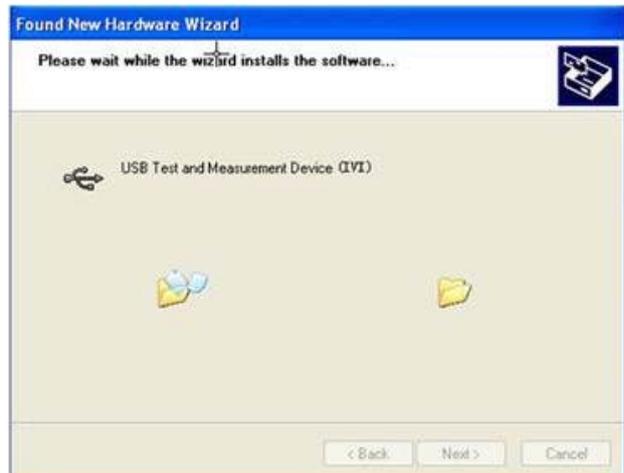
- (1) Select "Install from a list or specific location (Advanced)", and then click **Next**.



- (2) Select "Don't search. I will choose the driver to install." Then, click **Next**.



- (3) Select "USB Test and Measurement Device (IVI)". Then click **Next**.



(4) After the installation is completed, click **Finish**.



## To Start the Software

After **S1210 EMI Pre-compliance Software** is successfully installed, you can start the software by the **[Start]** menu or the desktop shortcut icon.

Click **[Start]** → **[All Programs]** → **[RIGOL]** → **[S1210 EMI Pre-compliance Software]** → **[S1210 EMI Pre-compliance Software]** to start the software. Or, you can double-click the shortcut icon named "S1210 EMI Pre-compliance Software" to start the software.

**Note:** In this mode, the communication between the software and instrument cannot be set up automatically (even if your PC has already been connected to the spectrum analyzer). If you want to perform the EMI test by using the software, you need to connect the instrument via the currently selected remote interface (USB or LAN) first (Tips: Before connecting the instrument, select "System → I/O Setting → Remote I/O → USB or LAN" on the spectrum analyzer). Then, create a new measurement in the workspace, and then in the main interface, click **Device** in the **menu bar** to select "Connect". The **Connect** dialog box is displayed. Select the proper instrument resource name, then click **OK**.

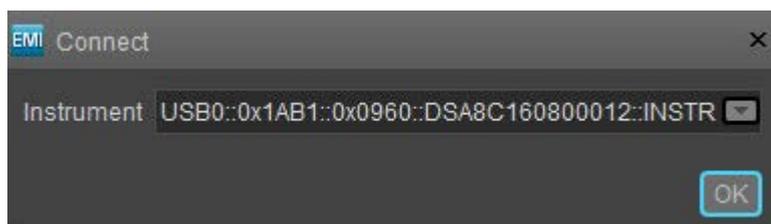


Figure 1 Connect the Instrument

## To View the Help Document

After **S1210 EMI Pre-compliance Software** is successfully installed, you can view the help document in the following two ways:

- (1) Click **[Start]** → **[All Programs]** → **[RIGOL]** → **[S1210 EMI Pre-compliance Software]** to open the *S1210 EMI Pre-compliance Software\_Help Document\_CN* or *S1210 EMI Pre-compliance Software\_Help Document\_EMile* to learn about the specific function and application of the software.
- (2) Start the software. Then, create a workspace or open an existing workspace. Click **Help** in the **menu bar** and select "Help" to open the help document in your desired language.