Smart Meter SEM-3000

Software User Manual
(PC Version)

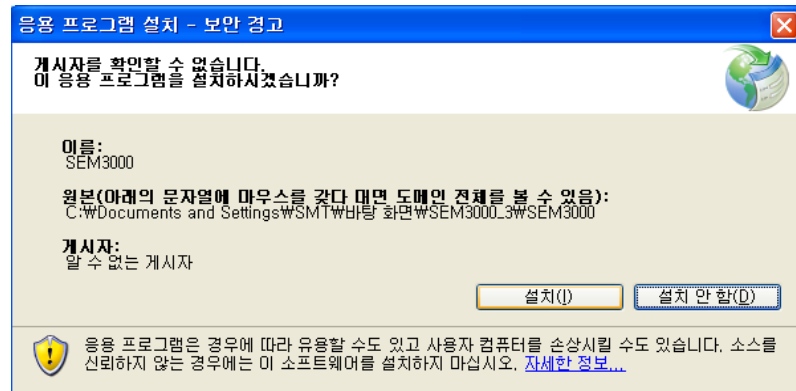**Software Installation**

**1**. Unzip the supplied programs, click Setup.exe to run the installation.
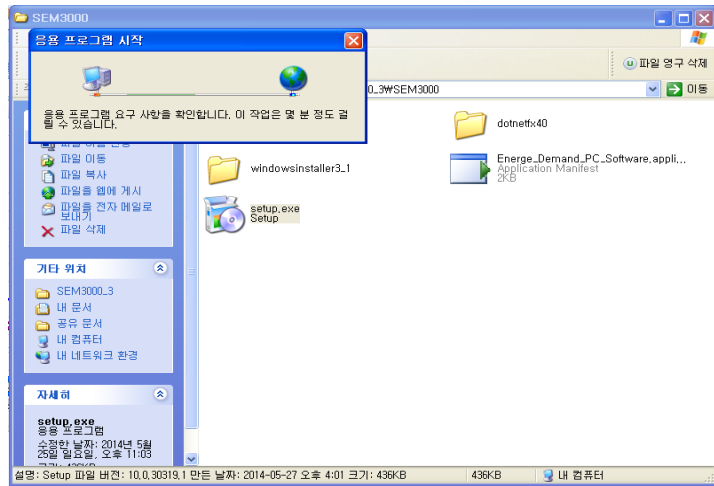
2. When run the Setup.exe, The following window will appear. Press the Install, Installation will start. software will run automatically after Installation completion.
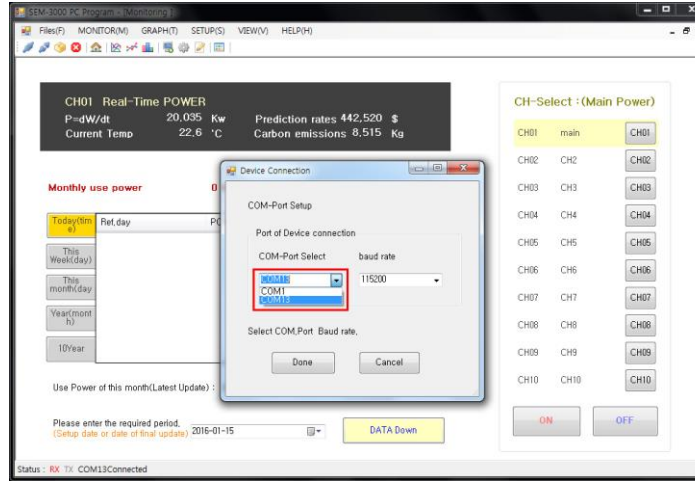
How to connect Software

1. If connect the SEM3000 data cable to the PC, it is recognized as in the Device Manager as "Sillicon Labs CP210x USB to UART Bridge(COM**)".
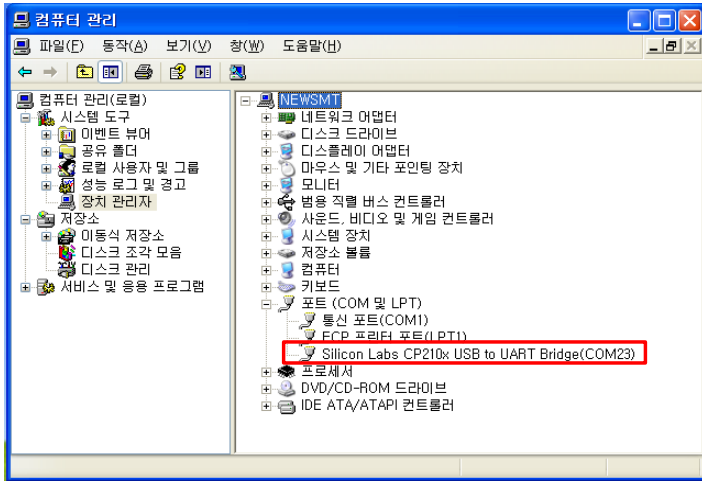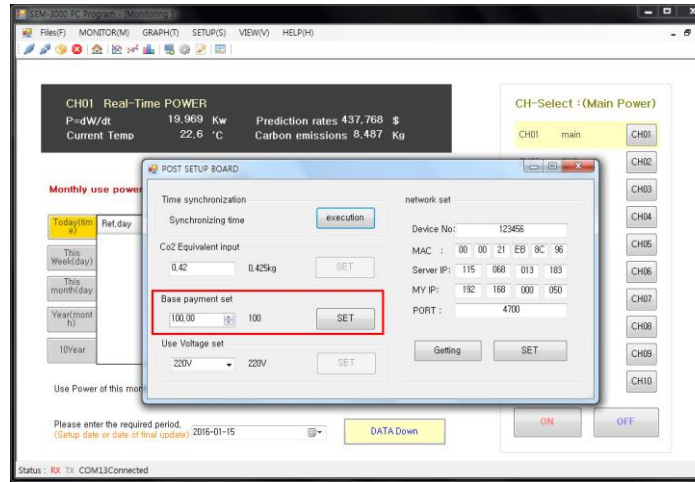

2. If click the Settings menu and ⬛ con, a window opens as shown below. This process must be set before connecting.

3. When you click OK, "Status RX TX COMOO been connected" is displayed as shown below, and you can check this real-time information.
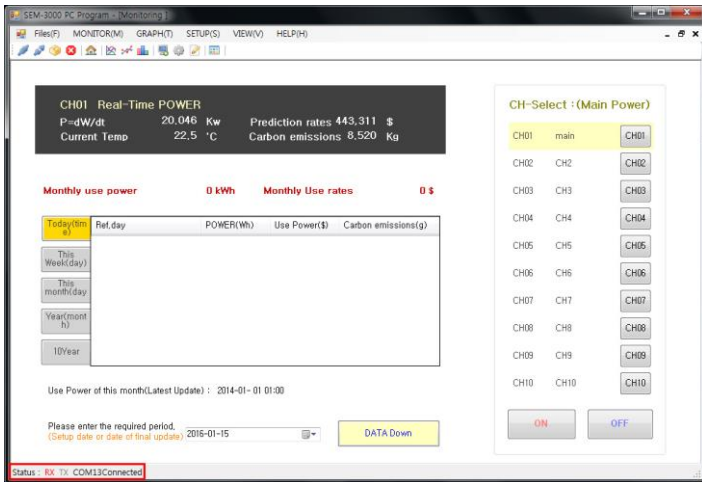
4. After setting the standard-rates in the "POST settings", you can view the data through the Real-time monitoring, periodic graph, channel comparison graph.

Download Data

1. Specify the time to download the data. (The first installation date)

2. Click the data download button, data download will begin as follows.

3. Once the download is complete, real-time data, channel-specific graphs, comparative graphs and data validation is possible,
   You can export data to the Excel file using Excel conversion button.
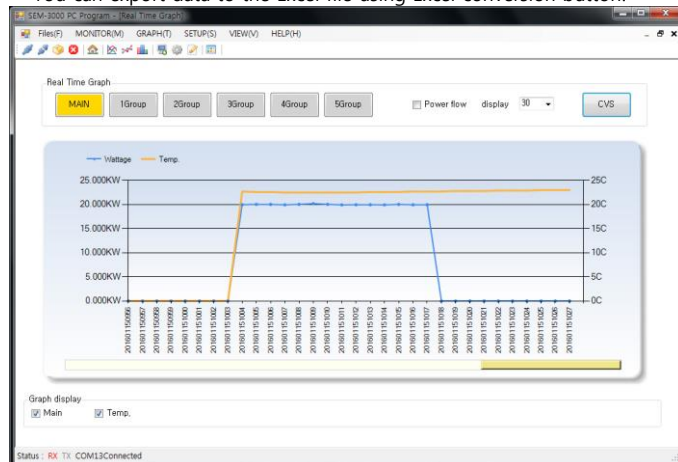
Software Icons Description

	Connect: SEM3000 software connection
	Disconnect: SEM3000 software disconnection
	Connection Wizard: SEM3000 Auto Connection Wizard
	Exit: Exit the software
	Monitoring: Real-time data monitoring and each channel ON/OFF control function
	Real Time: Check main power & each group power (Data can be extracted into an Excel file.) (If does not a real time graph download, change to the real-time graph on the graph for each channel.)
	CH. graph: Can specify the channels you want to display in each group. In a selected group Time, Day, Week, Month, Year for each graph display.
	Comparison: Current data and monthly data comparative are available.
	Port Define: Set the communication port
	SEM. POST: Computer and equipment time synchronization, Co2 emissions, Reference rates. Operating voltage, Network settings (cloud service) is available.
	CH. Alias: Each channel name, can set the group.
	Inform: Shown the software version, Company name.

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